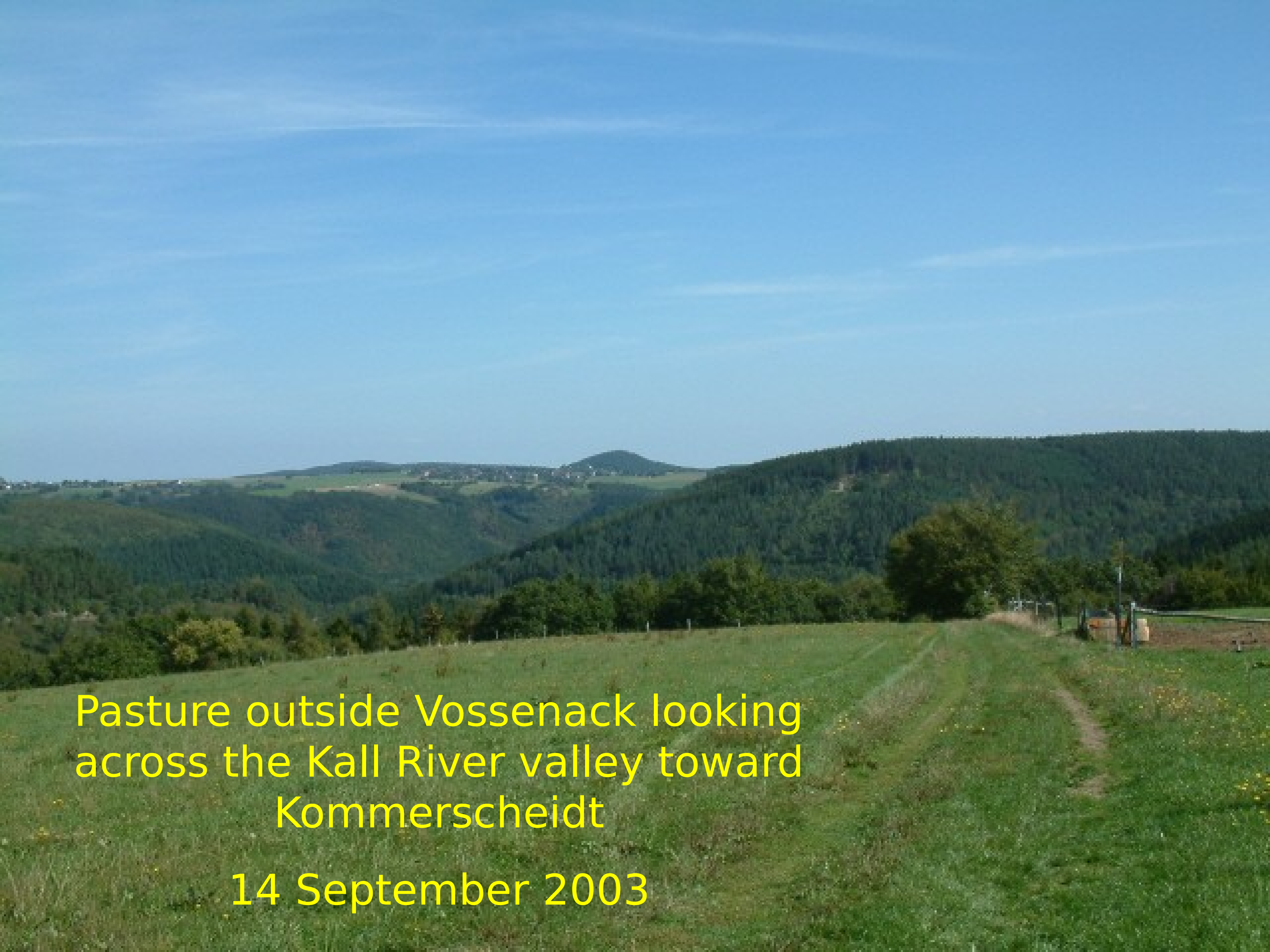
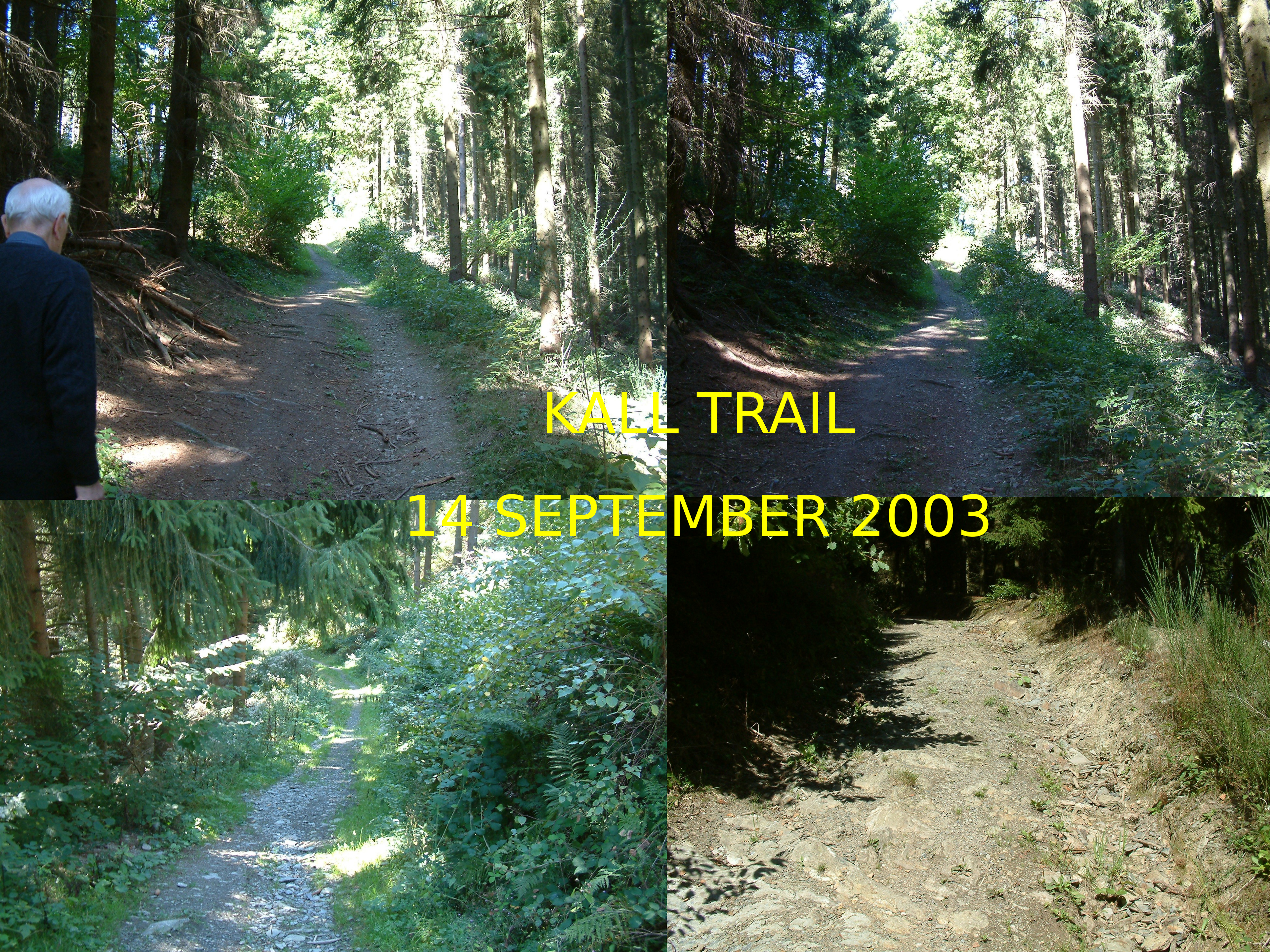
THE BATTLE OF THE
HÜRTGEN FOREST:
FIRST U.S. ARMY OPERATIONS
& MEDICAL ORGANIZATION
AND SUPPORT
SEPTEMBER-DECEMBER 1944



Pasture outside Vossenack looking across the Kall River valley toward Kommerscheidt

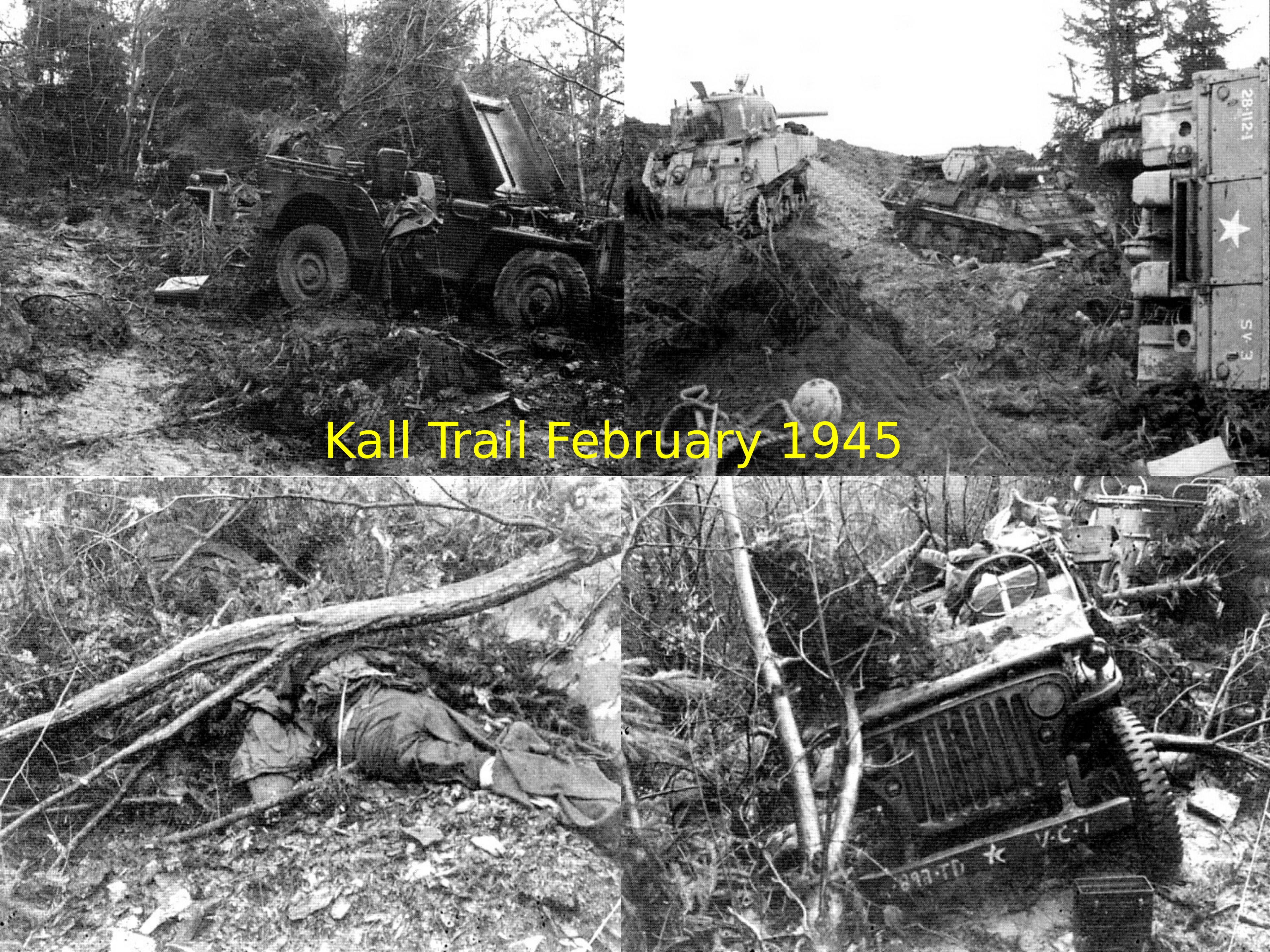
14 September 2003



KALL TRAIL

14 SEPTEMBER 2003

Kall Trail February 1945


28-112-1
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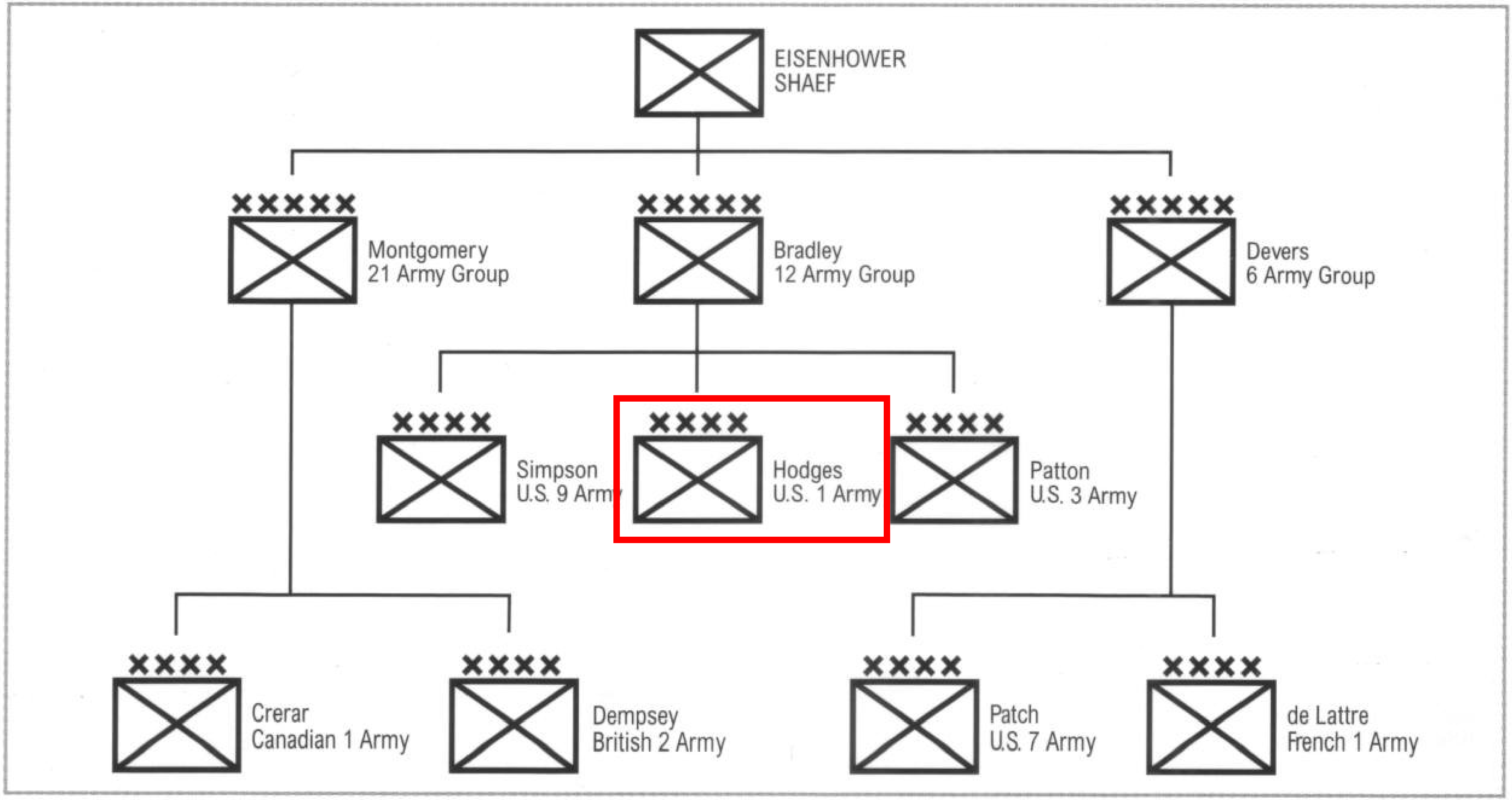
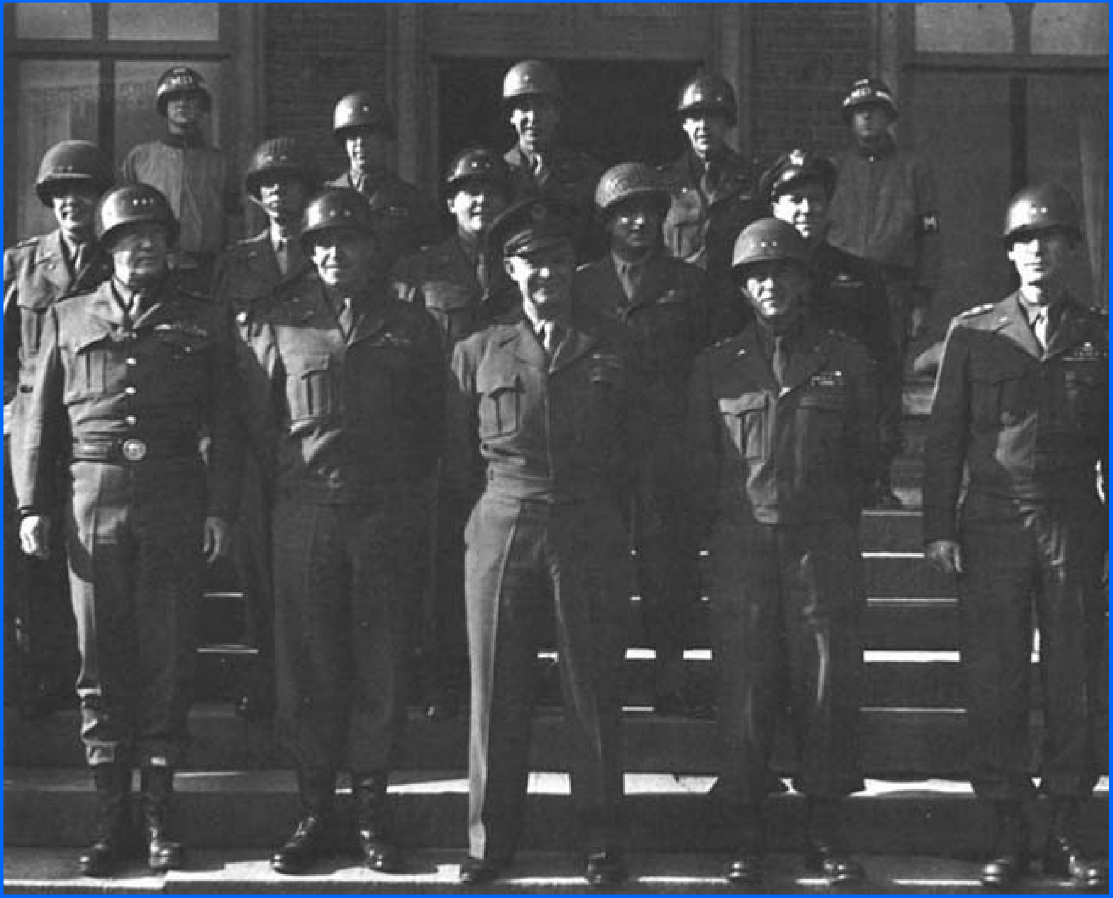
OVERVIEW OF THE HÜRTGEN FOREST OPERATIONS

ALLIED COMMAND STRUCTURE


EISENHOWER
SHAEF
Montgomery
21 Army Group
Bradley
12 Army Group
Devers
6 Army Group
Simpson
U.S. 9 Army
Hodges
U.S. 1 Army
Patton
U.S. 3 Army
Crerar
Canadian 1 Army
Dempsey
British 2 Army
Patch
U.S. 7 Army
de Lattre
French 1 Army

Eisenhower & His Commanders 10 October 1944

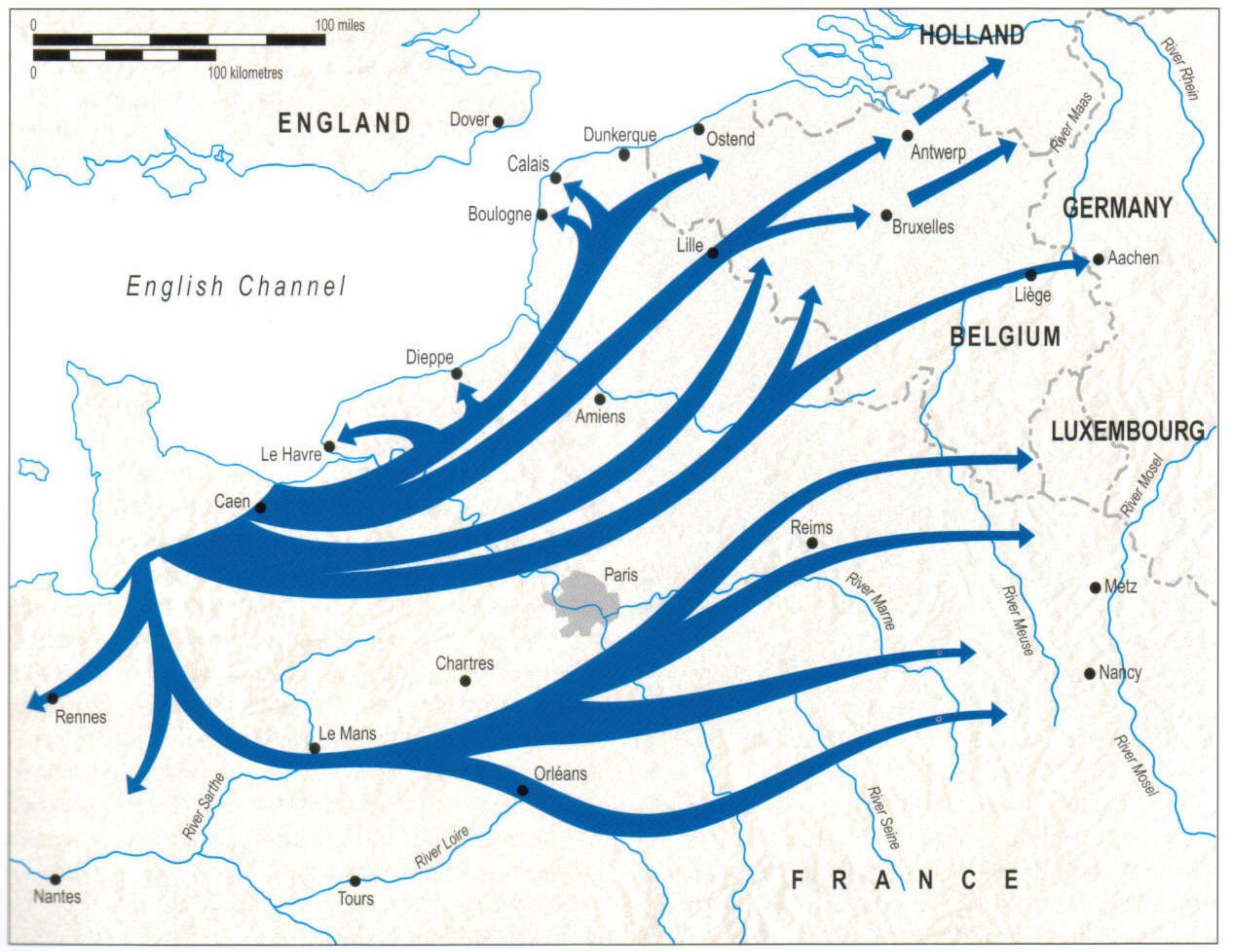


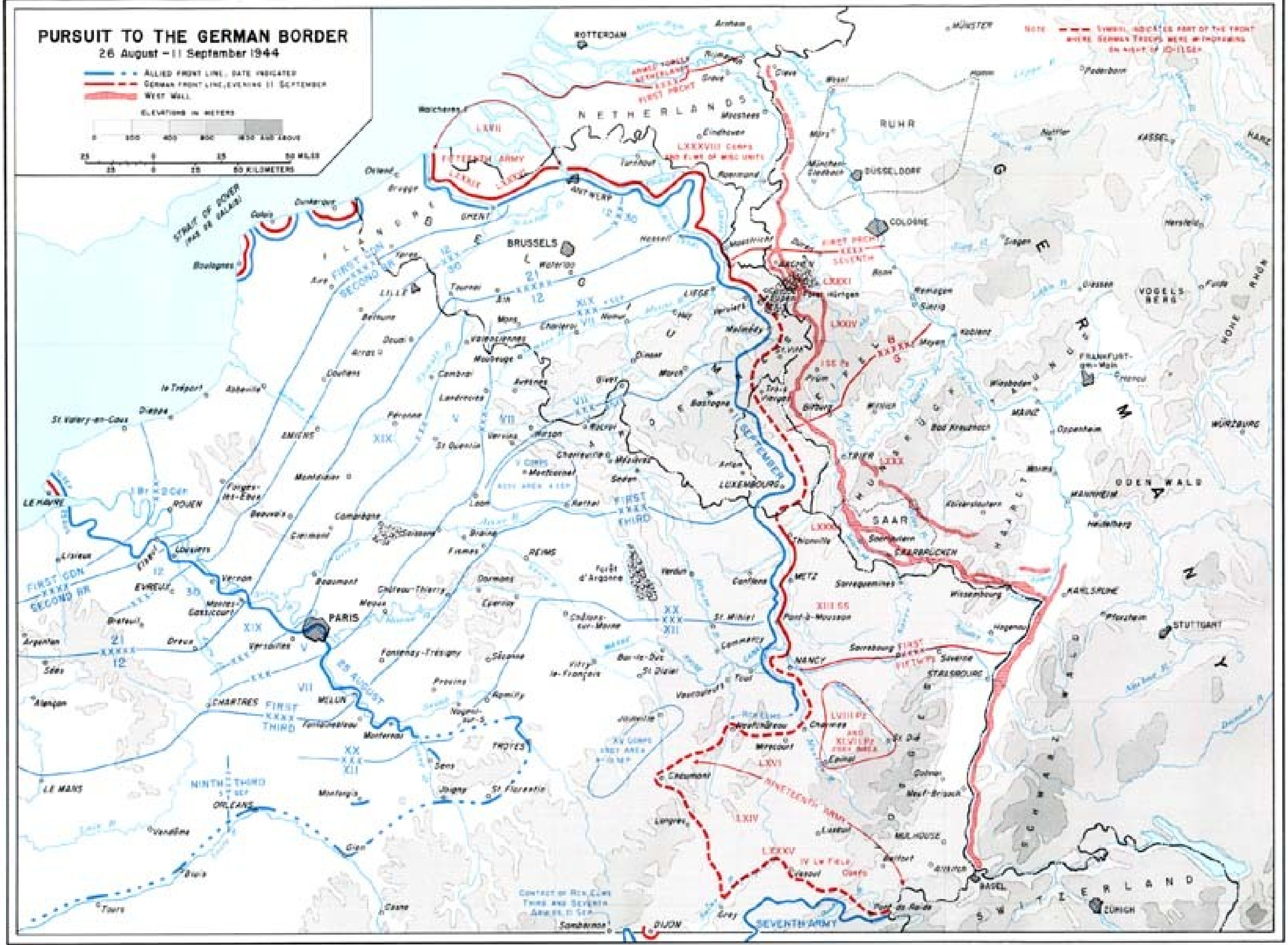
First Row: Patton, Bradley, Eisenhower, Hodges, Simpson

Second Row: Kean, Corlett, Collins, Gerow, Quesada

Third Row: Allen, Hart, Thorson

ALLIED BREAKOUT & PURSUIT, SUMMER-FALL 1944


0
100 miles
0
100 kilometres
HOLLAND
River Rhein
ENGLAND
Dover
Dunkerque
Ostend
Antwerp
River Maas
Calais
Boulogne
Bruxelles
GERMANY
Lille
Aachen
Liège
English Channel
BELGIUM
Dieppe
Amiens
LUXEMBOURG
Le Havre
River Mosel
Caen
Reims
Paris
River Marne
River Meuse
Metz
Chartres
Nancy
Rennes
Le Mans
Orléans
River Sarthe
River Mosel
River Seine
River Loire
Nantes
Tours
FRANCE



PURSUIT TO THE GERMAN BORDER
26 August – 11 September 1944

ALLIED FRONT LINE, DATE INDICATED
GERMAN FRONT LINE, EVENING 11 SEPTEMBER
WEST WALL
ELEVATIONS IN METERS
0
100
400
800
1650 AND ABOVE
25 0 25 50 MILES
25 0 25 50 KILOMETERS
NOTE: SYMBOL INDICATES PART OF THE FRONT WHERE GERMAN TROOPS WERE WITHDRAWING ON NIGHT OF 10-11 SEP
STRAIT OF DOVER (PAS DE CALAIS)
NETHERLANDS
BELGIUM
LUX
FRANCE
GERMANY
SWITZERLAND
RUHR
SAAR
VOGELSBERG
ODENWALD
HARZ
HOHE RHON
ROTTERDAM
Arnhem
Nijmegen
Cleve
Wesel
Münster
Hamm
Paderborn
Grave
Moerdijk
Eindhoven
Walcheren I
Mörs
München-Gladbach
DUSSELDORF
COLOGNE
Kassel
Hersfeld
Fulda
Giessen
Siegen
Bonn
Remagen
Sinzig
Koblenz
Mayen
FRANKFURT-am-Main
Hanau
Wiesbaden
MAINZ
Oppenheim
Bad Kreuznach
Wittlich
Worms
MANNHEIM
Heidelberg
WÜRZBURG
Kaiserslautern
Saarlautern
SAARBRÜCKEN
KARLSRUHE
Pforzheim
STUTTGART
Wissembourg
Haguenau
Saverne
STRASBOURG
Sarrebourg
Sarreguemines
St Dié
Colmar
Neuf-Brisach
MULHOUSE
Belfort
Altkirch
BASEL
ZURICH
Ostend
Brugge
GHENT
ANTWERP
Turnhout
Roermond
Hasselt
Maastricht
Düren
AACHEN
Stolberg
Eupen
Hürtgen
Verviers
Malmédy
St Vith
Prüm
Bitburg
TRIER
Trois Vierges
Bastogne
Arlon
LUXEMBOURG
Thionville
METZ
Conflans
Pont-à-Mousson
NANCY
Toul
Commercy
St Mihiel
Verdun
Forêt d'Argonne
Châlons-sur-Marne
Vitry-le-François
Bar-le-Duc
St Dizier
Vaucouleurs
Joinville
Neufchâteau
Mirecourt
Charmes
Epinal
Chaumont
Langres
Vesoul
Gray
Dijon
Sombernon
Pont de Roide
Luxeuil
BRUSSELS
Waterloo
Ypres
Lille
Tournai
Ath
Mons
Charleroi
Namur
LIÈGE
Huy
Dinant
Marche
Givet
Rocroi
Mézières
Charleville
Sedan
Rethel
Montcornet
Laon
Reims
Fismes
Braine
Soissons
Compiègne
Clermont
Beauvais
Beaumont
Château-Thierry
Meaux
Dormans
Epernay
Fontenay-Trésigny
Sézanne
Provins
Romilly
Nogent-sur-S.
TROYES
Sens
Joigny
St Florentin
Montargis
Gien
Cosne
MELUN
Fontainebleau
Montereau
Valenciennes
Maubeuge
Avesnes
Landrecies
Cambrai
Péronne
St Quentin
Vervins
Hirson
Douai
Arras
Béthune
Aire
Doullens
AMIENS
Abbeville
Le Tréport
Dieppe
St Valery-en-Caux
Montdidier
Forges-les-Eaux
ROUEN
LE HAVRE
Lisieux
Louviers
Vernon
EVREUX
Mantes-Gassicourt
PARIS
Versailles
Dreux
Breteuil
Argentan
Sées
Alençon
CHARTRES
LE MANS
ORLÉANS
Vendôme
Blois
Tours
Dunkerque
Calais
Boulogne
Walcheren
FIRST CDN
SECOND BR
XXXX
21
XXXXX
12
XXX
30
XIX
V
VII
XX
XII
V CORPS ASSY AREA 4 SEP
FIRST
THIRD
NINTH
5 SEP
25 AUGUST
SEPTEMBER
1 Br
2 Cdn
XV CORPS ASSY AREA 10 SEP
CONTACT OF RCN ELMS THIRD AND SEVENTH ARMIES 11 SEP
RCN ELMS
SEVENTH ARMY
LXVII
FIFTEENTH ARMY
LXXXIX
LXXXVIII CORPS AND ELMS OF MISC UNITS
ARMED FORCES NETHERLANDS
FIRST PRCHT
LXXXI
SEVENTH
LXXIV
I SS Pz
B
LXXX
LXXXII
XIII SS
FIRST
FIFTH Pz
LVIII Pz AND XLVII Pz ASSY AREA
LXVI
NINETEENTH ARMY
LXIV
LXXXV
IV Lw FIELD CORPS

H. Damon

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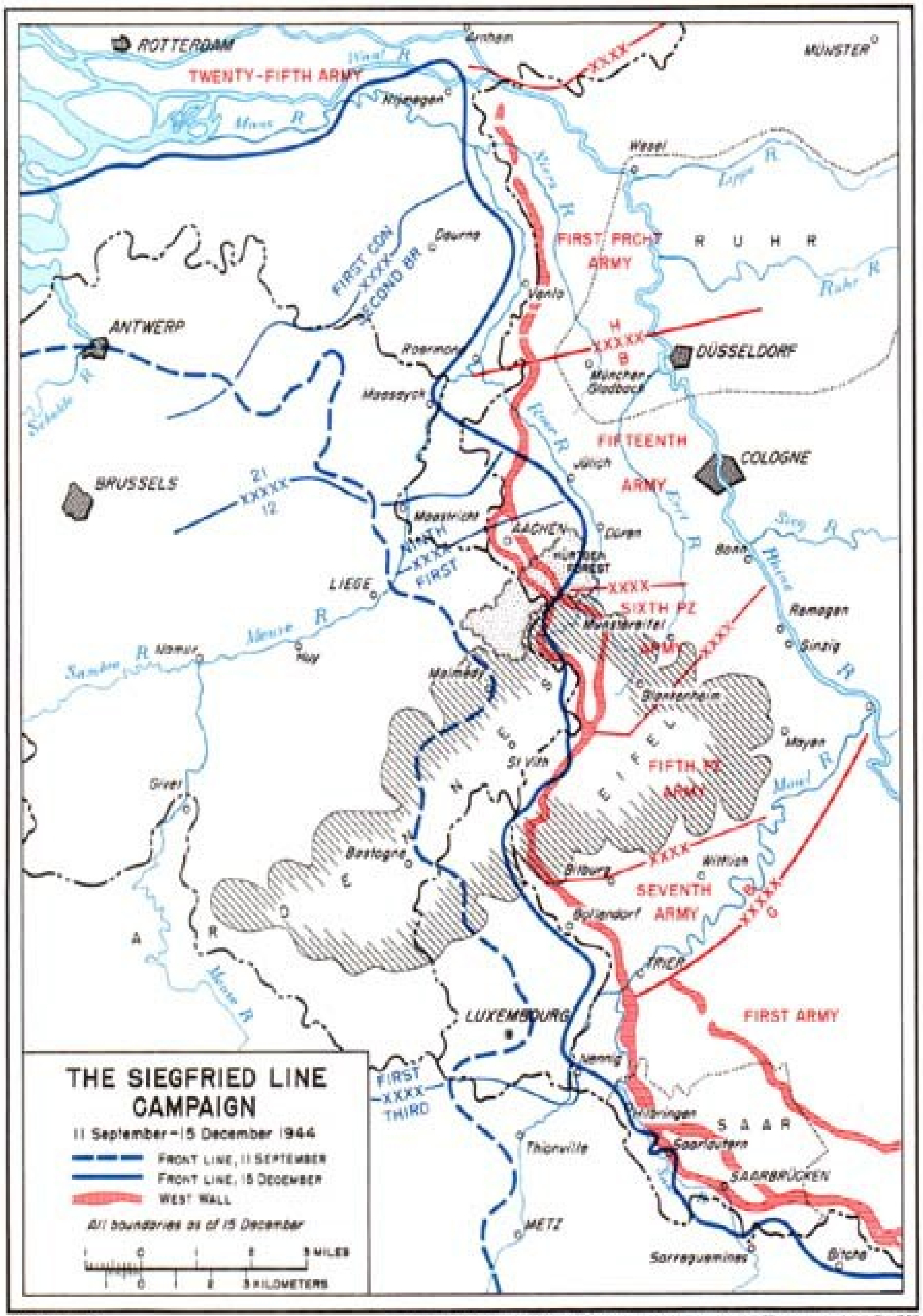
MAP I



ROTTERDAM
TWENTY-FIFTH ARMY
Waal R
Arnhem
Nijmegen
Maas R
XXXX
MÜNSTER
Wesel
Lippe R
Niers R
Deurne
FIRST CDN
XXXX
SECOND BR
FIRST FRCHT
ARMY
R U H R
Ruhr R
Venlo
ANTWERP
Roermond
H
XXXXX
B
DÜSSELDORF
München
Gladbach
Schelde R
Maeseyck
Roer R
FIFTEENTH
ARMY
COLOGNE
Jülich
BRUSSELS
21
XXXXX
12
Maastricht
AACHEN
Düren
NINTH
XXXX
FIRST
Erft R
Sieg R
Bonn
HÜRTGEN
FOREST
XXXX
SIXTH PZ
ARMY
LIEGE
Münstereifel
Remagen
Meuse R
Sambre R
Namur
Huy
Sinzig
Malmédy
Blankenheim
XXXX
Rhine R
E I F E L
Mayen
St Vith
FIFTH PZ
ARMY
Givet
Moselle R
Bastogne
A R D E N N E S
Bitburg
Wittlich
XXXX
SEVENTH
ARMY
Bollendorf
XXXX
G
TRIER
Meuse R
FIRST ARMY
LUXEMBOURG
Nennig
FIRST
XXXX
THIRD
Thionville
Hilbringen
S A A R
Saarlautern
SAARBRÜCKEN
METZ
Sarreguemines
Bitche

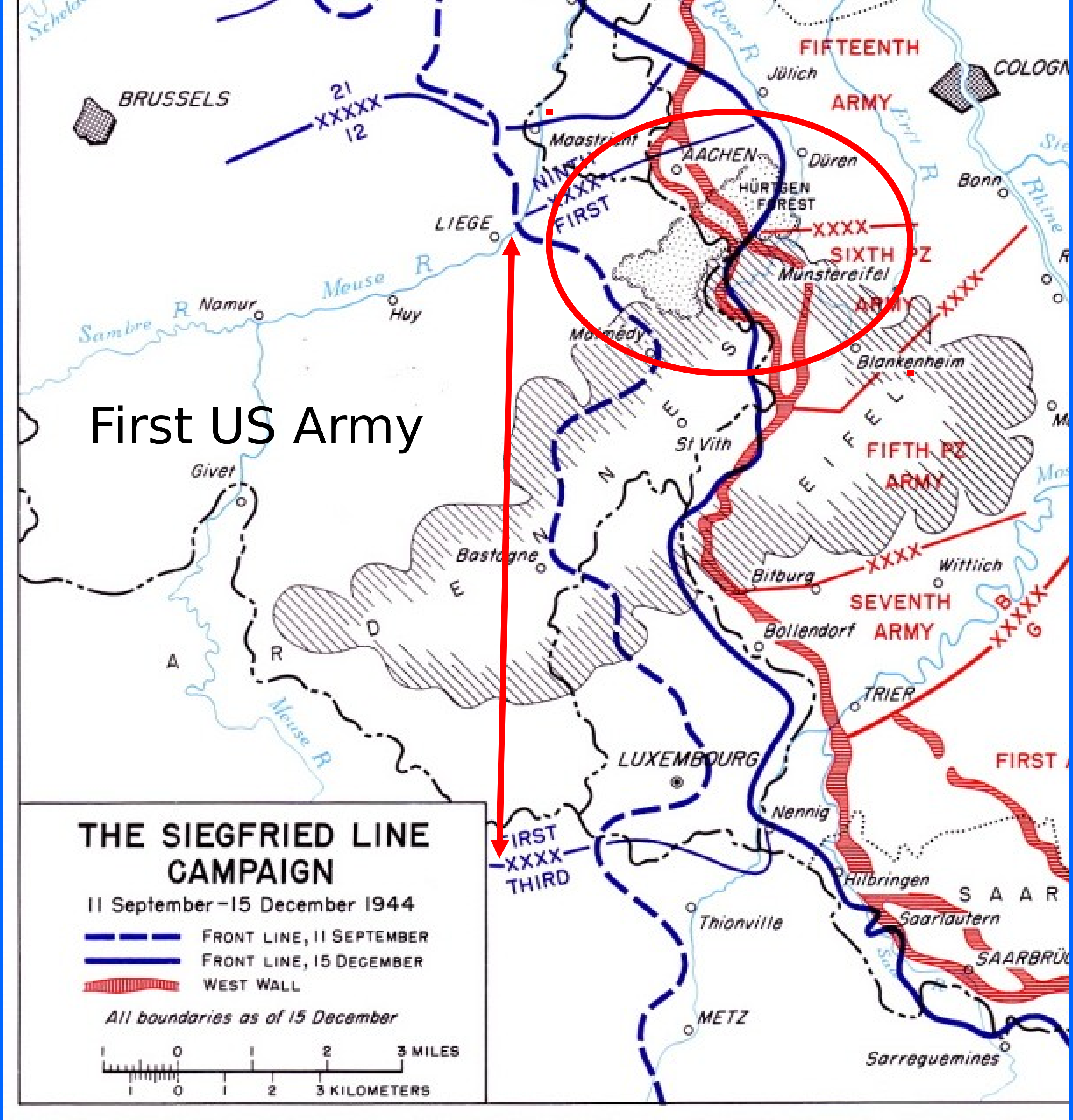
THE SIEGFRIED LINE CAMPAIGN

11 September–15 December 1944

FRONT LINE, 11 SEPTEMBER
FRONT LINE, 15 DECEMBER
WEST WALL
All boundaries as of 15 December
MILES
KILOMETERS

D. Holmes, Jr.

PRINTED BY DEFENSE MAPPING AGENCY HYDROGRAPHIC/TOPOGRAPHIC CENTER · MAP IX

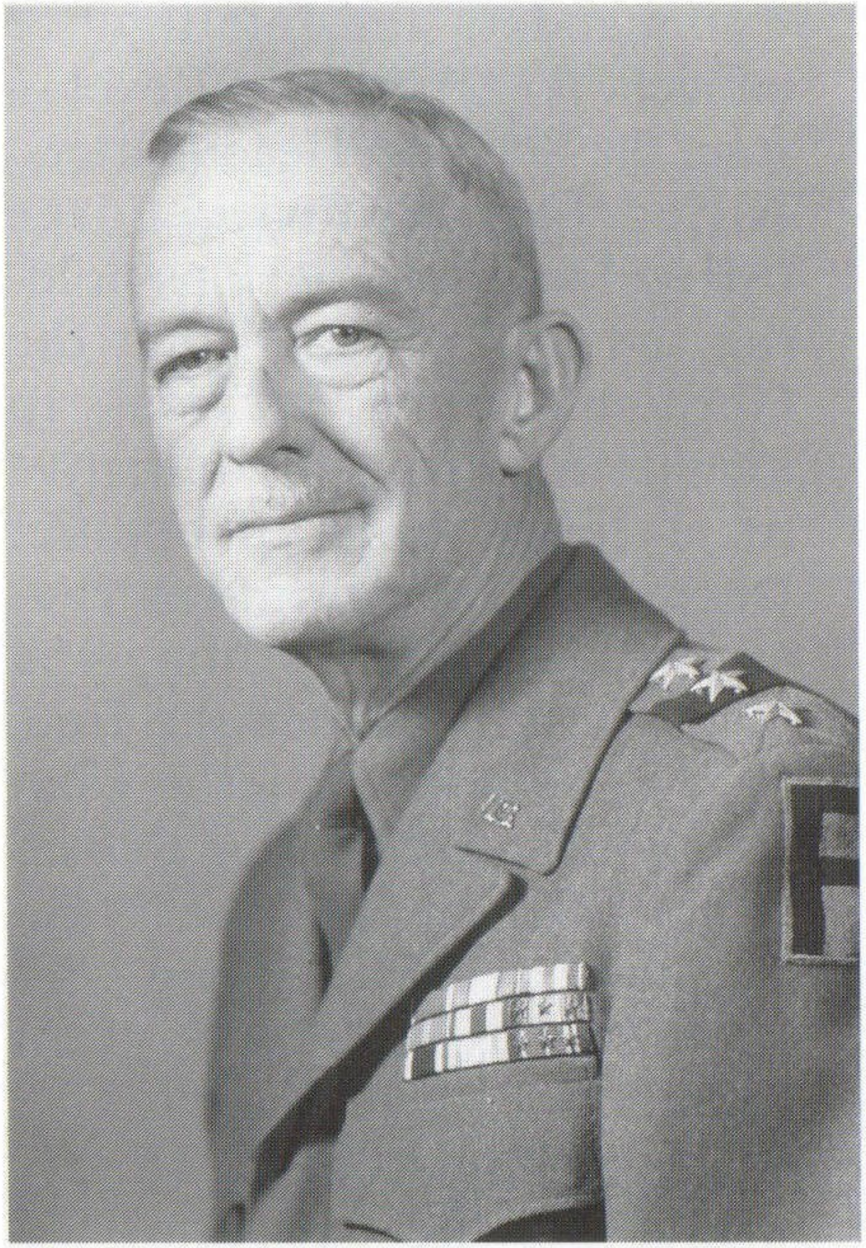

THE SIEGFRIED LINE CAMPAIGN
11 September–15 December 1944
FRONT LINE, 11 SEPTEMBER
FRONT LINE, 15 DECEMBER
WEST WALL
All boundaries as of 15 December
3 MILES
3 KILOMETERS
BRUSSELS
21 XXXXX 12
NINTH XXXX FIRST
FIRST XXXX THIRD
FIFTEENTH ARMY
SIXTH PZ ARMY
FIFTH PZ ARMY
SEVENTH ARMY
FIRST
B XXXX G
Maastricht
AACHEN
Jülich
Düren
HÜRTGEN FOREST
Bonn
Rhine
Roer R
Erft R
LIEGE
Meuse R
Sambre R
Namur
Huy
Malmédy
Munstereifel
Blankenheim
St Vith
Givet
Bastogne
A R D E N N E S
E I F E L
Bitburg
Wittlich
Bollendorf
TRIER
LUXEMBOURG
Nennig
Hilbringen
Saarlautern
SAARBRÜ
S A A R
Thionville
METZ
Sarreguemines
COLOGN

First US Army

FIRST US ARMY & THE BATTLE FOR GERMANY

13 September-15 December 1944

Consolidation	13 Sep-15 Oct
Aachen Offensive	16-26 Oct
Preparation for a New Offensive	27 Oct-15 Nov
Drive to the Roer River	16 Nov-13 Dec
Roer Dams Offensive	14-15 Dec



Lt. Gen. Courtney H. Hodges
(National Archives)

COURTNEY H. HODGES
COMMANDER
FIRST US ARMY

FIRST ARMY

SEPTEMBER 1944

XIX CORPS	MG Charles H. Corlett (To Ninth US Army, 22 October)
VII CORPS	MG J. Lawton Collins
V Corps	MG Leonard T. Gerow
VIII Corps	MG Troy H. Middleton (From Ninth Army, 22 October)

LEONARD “GEE” GEROW

COMMANDER

V CORPS

FIRST US ARMY

J. LAWTON COLLINS

“LIGHTNING JOE”

COMMANDER

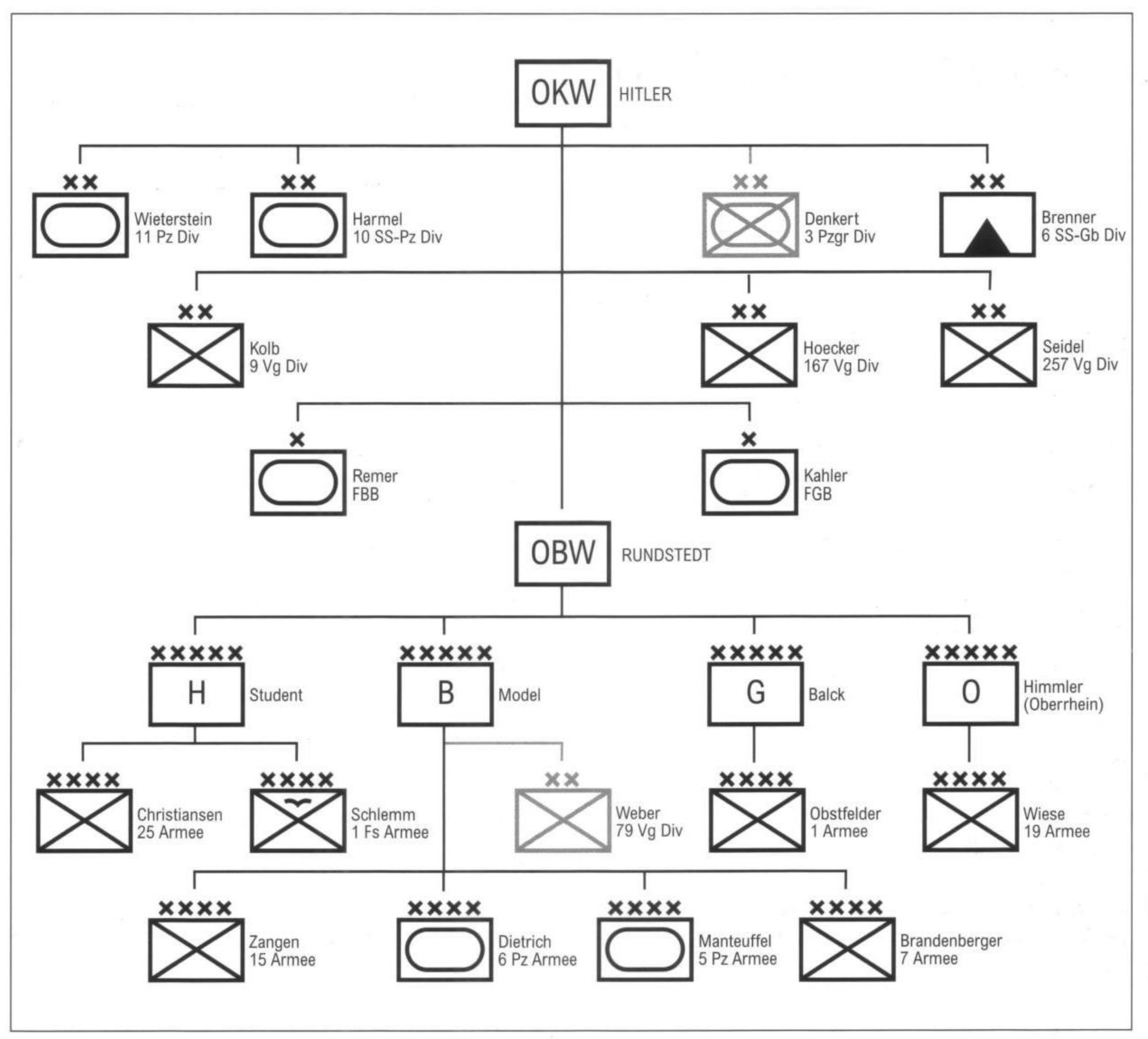
VII CORPS

FIRST US ARMY

(Chief of Staff, US Army,

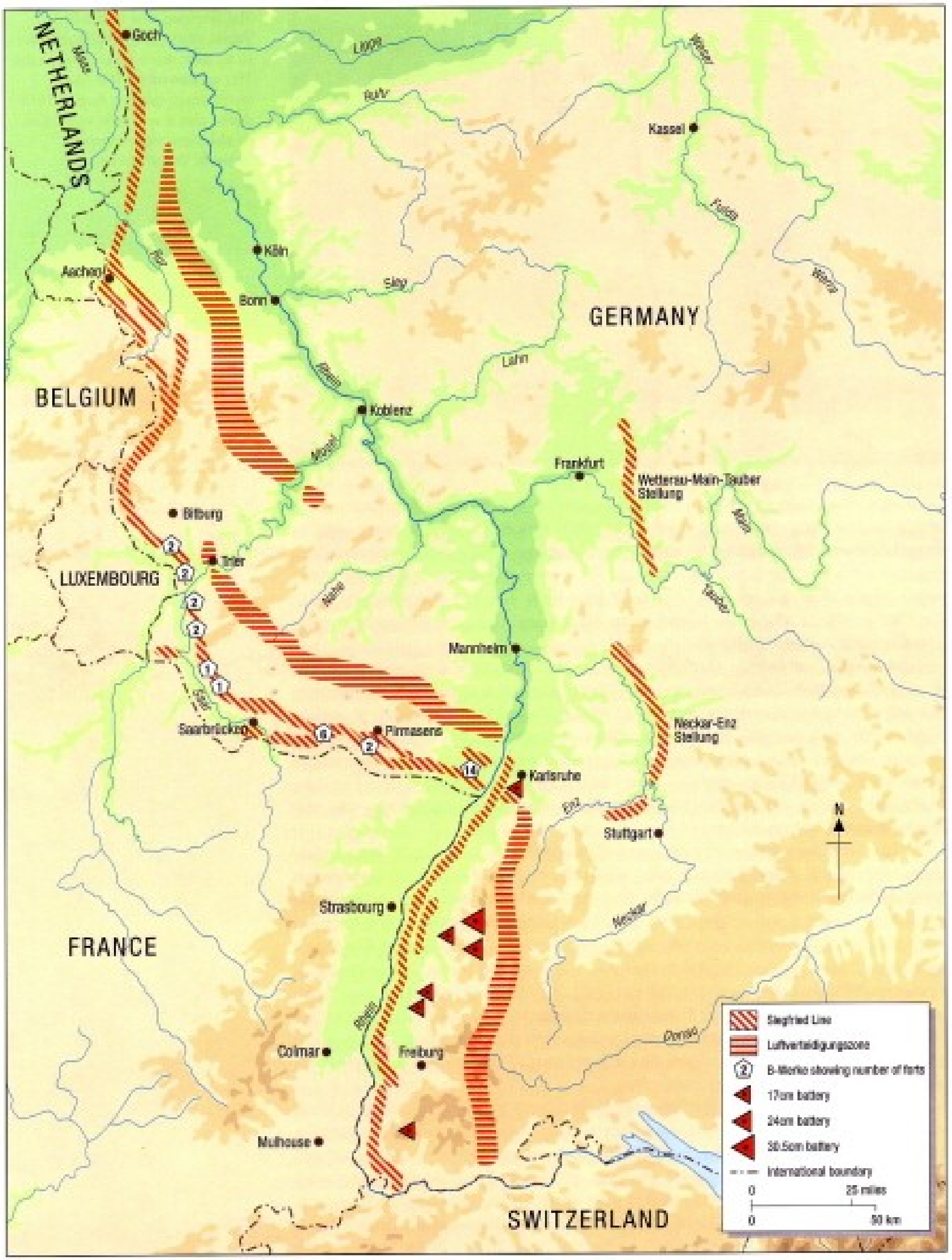
1949-1953)

GERMAN COMMAND STRUCTURE IN THE WEST


OKW
HITLER
Wieterstein
11 Pz Div
Harmel
10 SS-Pz Div
Denkert
3 Pzgr Div
Brenner
6 SS-Gb Div
Kolb
9 Vg Div
Hoecker
167 Vg Div
Seidel
257 Vg Div
Remer
FBB
Kahler
FGB
OBW
RUNDSTEDT
H
Student
B
Model
G
Balck
O
Himmler
(Oberrhein)
Christiansen
25 Armee
Schlemm
1 Fs Armee
Weber
79 Vg Div
Obstfelder
1 Armee
Wiese
19 Armee
Zangen
15 Armee
Dietrich
6 Pz Armee
Manteuffel
5 Pz Armee
Brandenberger
7 Armee

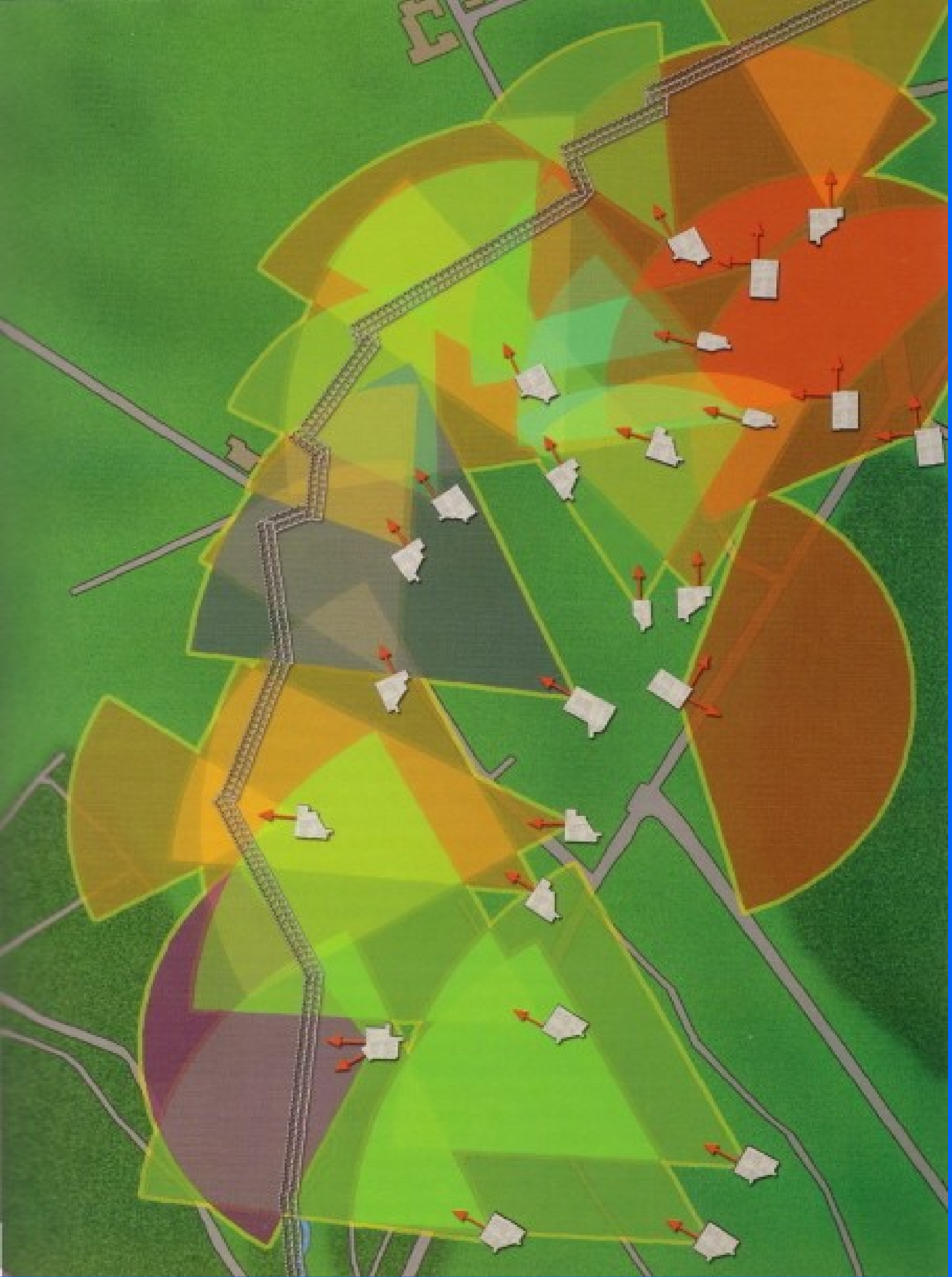
Field Marshal Walter Model,
Commander, Army Group B

Field Marshal Gerd von Rundstedt,
Commander in Chief, West (*OB West*)



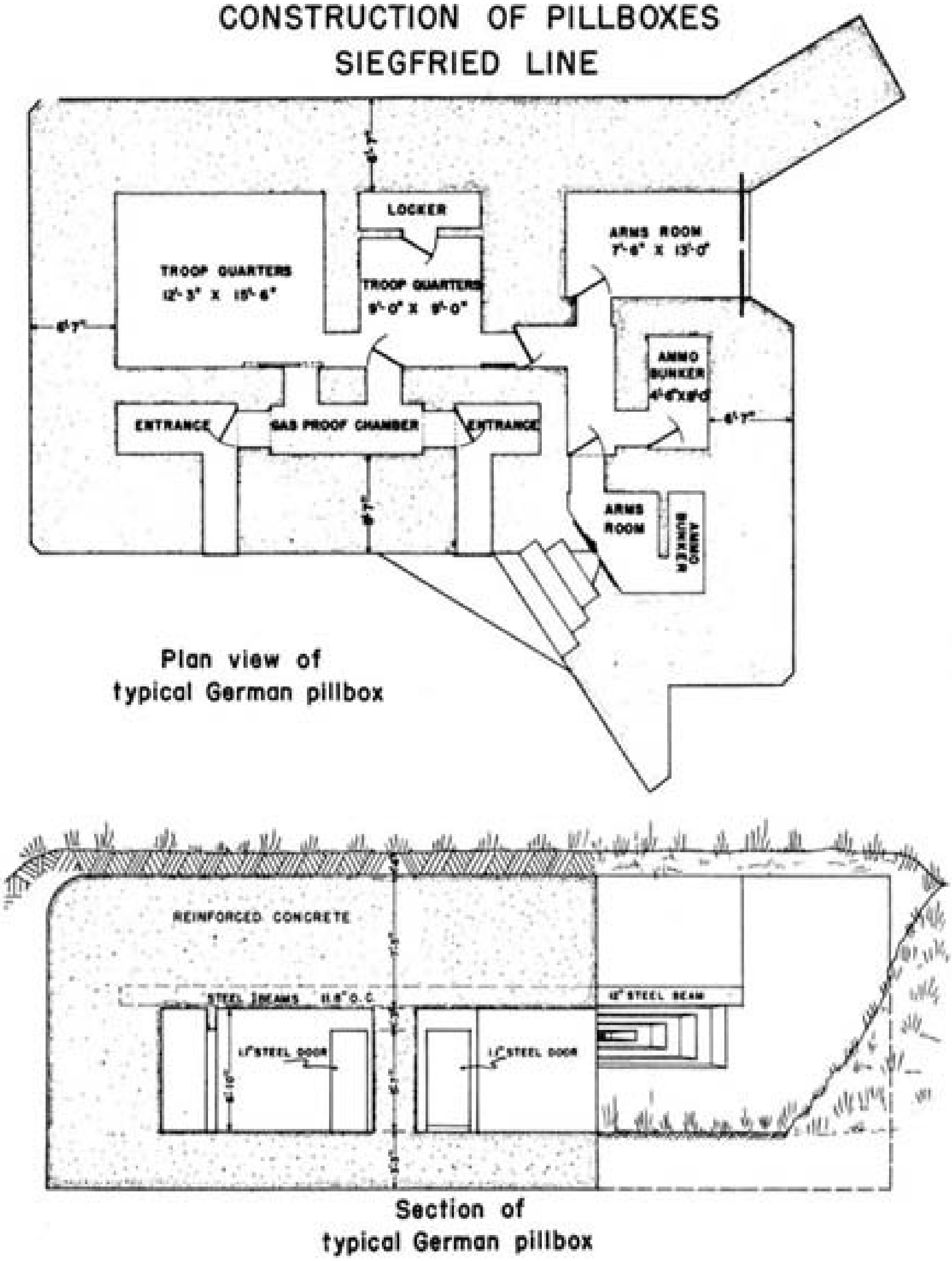
Goch
NETHERLANDS
Maas
Lippe
Ruhr
Weser
Kassel
Fulda
Roer
Köln
Aachen
Bonn
Sieg
Werra
GERMANY
Lahn
Rhein
BELGIUM
Koblenz
Mosel
Frankfurt
Wetterau-Main-Tauber Stellung
Main
Bitburg
Trier
LUXEMBOURG
Nahe
Tauber
Mannheim
Saar
Saarbrücken
Pirmasens
Neckar-Enz Stellung
Karlsruhe
Enz
Stuttgart
N
Strasbourg
Neckar
FRANCE
Donau
Colmar
Freiburg
Mulhouse
SWITZERLAND
Siegfried Line
Luftverteidigungszone
B-Werke showing number of forts
17cm battery
24cm battery
30.5cm battery
International boundary
0
25 miles
0
50 km

Map of the West Wall showing the main defences, the *Luftverteidigungszone* (West), and the Neckar – Enz and Wetterau – Main – Tauber Stellungs.



Siegfried Line Defenses

Interlocking fields of fire of mutually supporting pillboxes covering continuous anti-tank obstacle belt (Dragon’s Teeth)


CONSTRUCTION OF PILLBOXES
SIEGFRIED LINE
LOCKER
TROOP QUARTERS
12'-3" x 15'-6"
TROOP QUARTERS
9'-0" x 9'-0"
ARMS ROOM
7'-6" x 13'-0"
AMMO
BUNKER
4'-6"x9'-0"
ENTRANCE
GAS PROOF CHAMBER
ENTRANCE
ARMS
ROOM
AMMO
BUNKER
6'-7"
6'-7"
6'-7"
6'-7"
REINFORCED CONCRETE
STEEL BEAMS 11.8" O.C.
1/2" STEEL DOOR
1/2" STEEL DOOR
12" STEEL BEAM

Plan view of
typical German pillbox

Section of
typical German pillbox

Siegfried Line

Constructed in 5 phases 1934-40

12,000+ steel reinforced concrete structures

7 basic types, multiple variations in design

Weapons – Machine guns to 37-mm anti-tank guns (PAK)

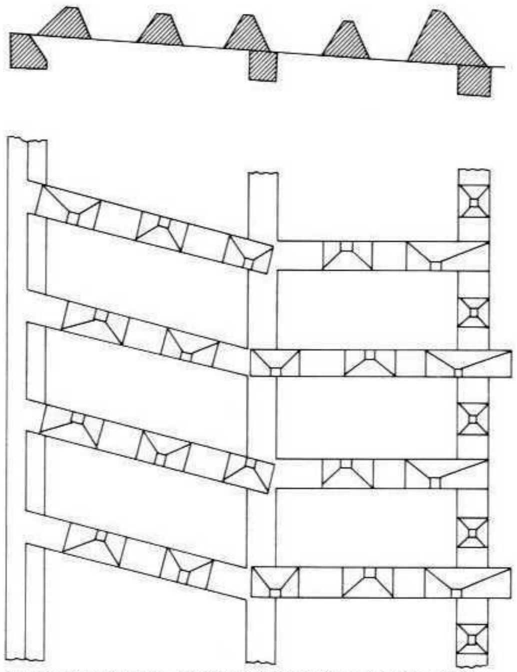
Single and double infantry dugouts -- 8,595

MG pillboxes -- 1,540

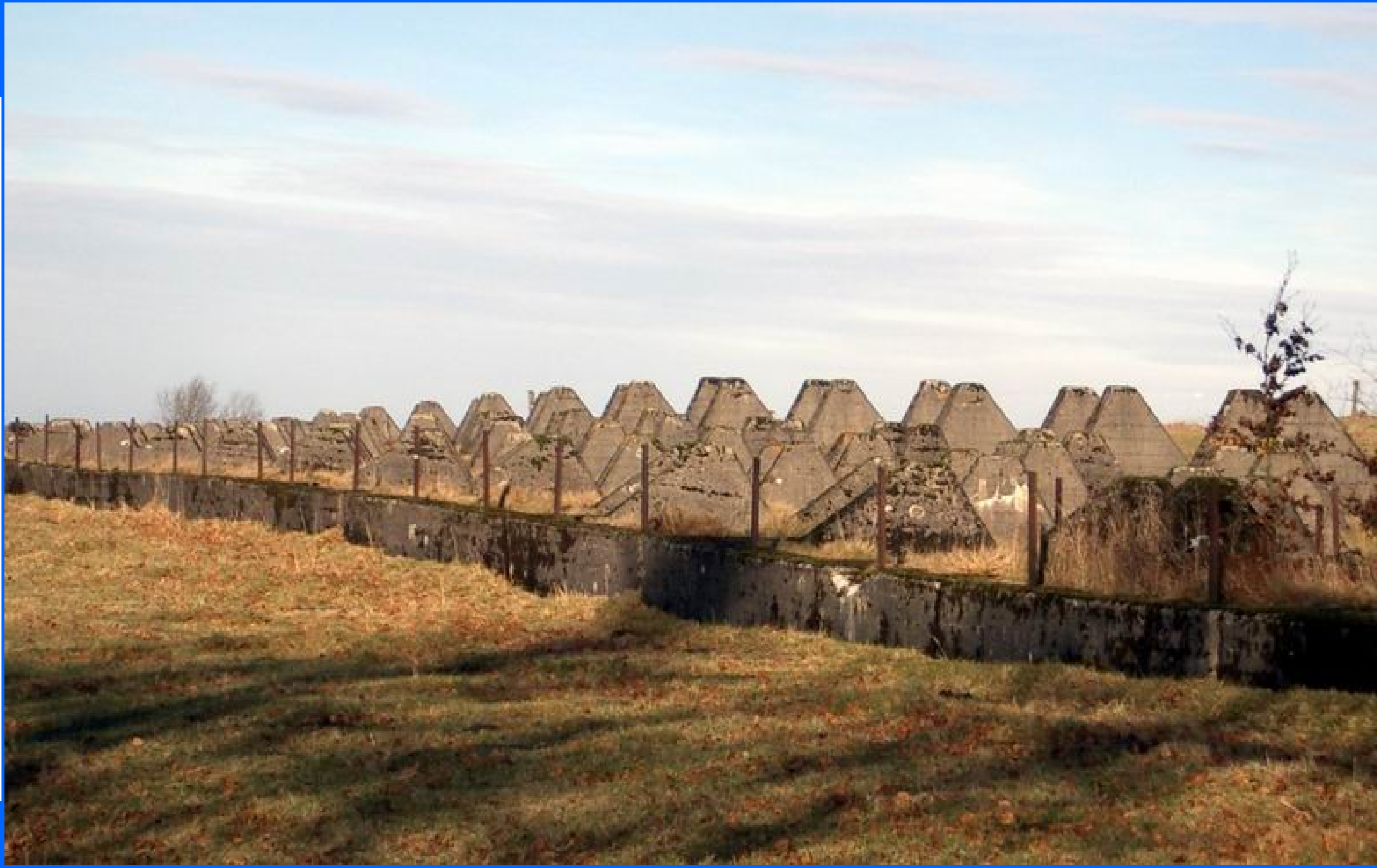
Thickness, Ceiling and Exterior Walls – 0.5-3.5 meters

Plus field fortifications

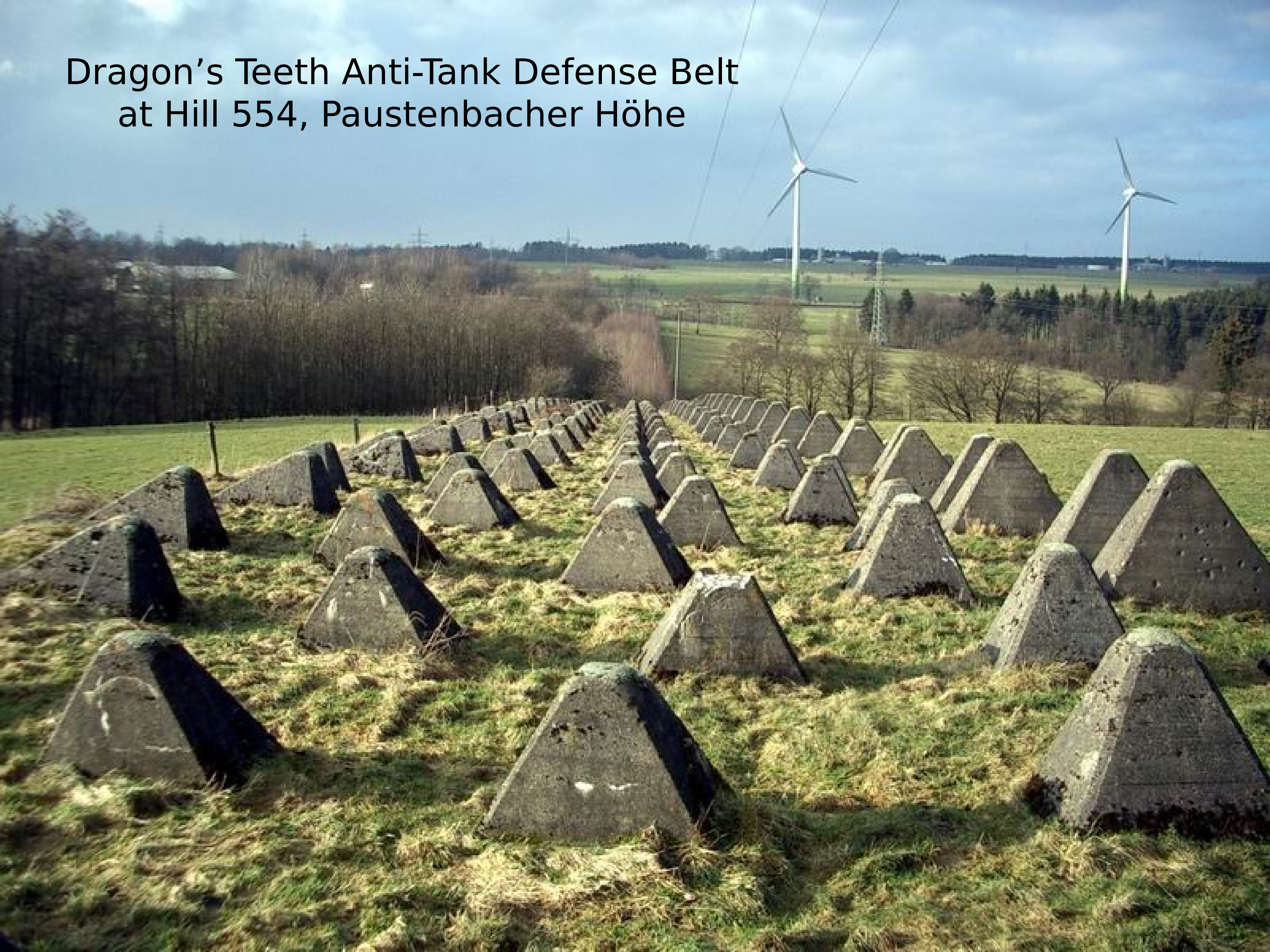
Dragon’s Teeth Anti-Tank Defense Belt at Hill 554, Paustenbacher Höhe



Quelle: Der Westwall zwischen Niederrhein und Schnee-Eifel
Copyright: Rheinland-Verlag GmbH

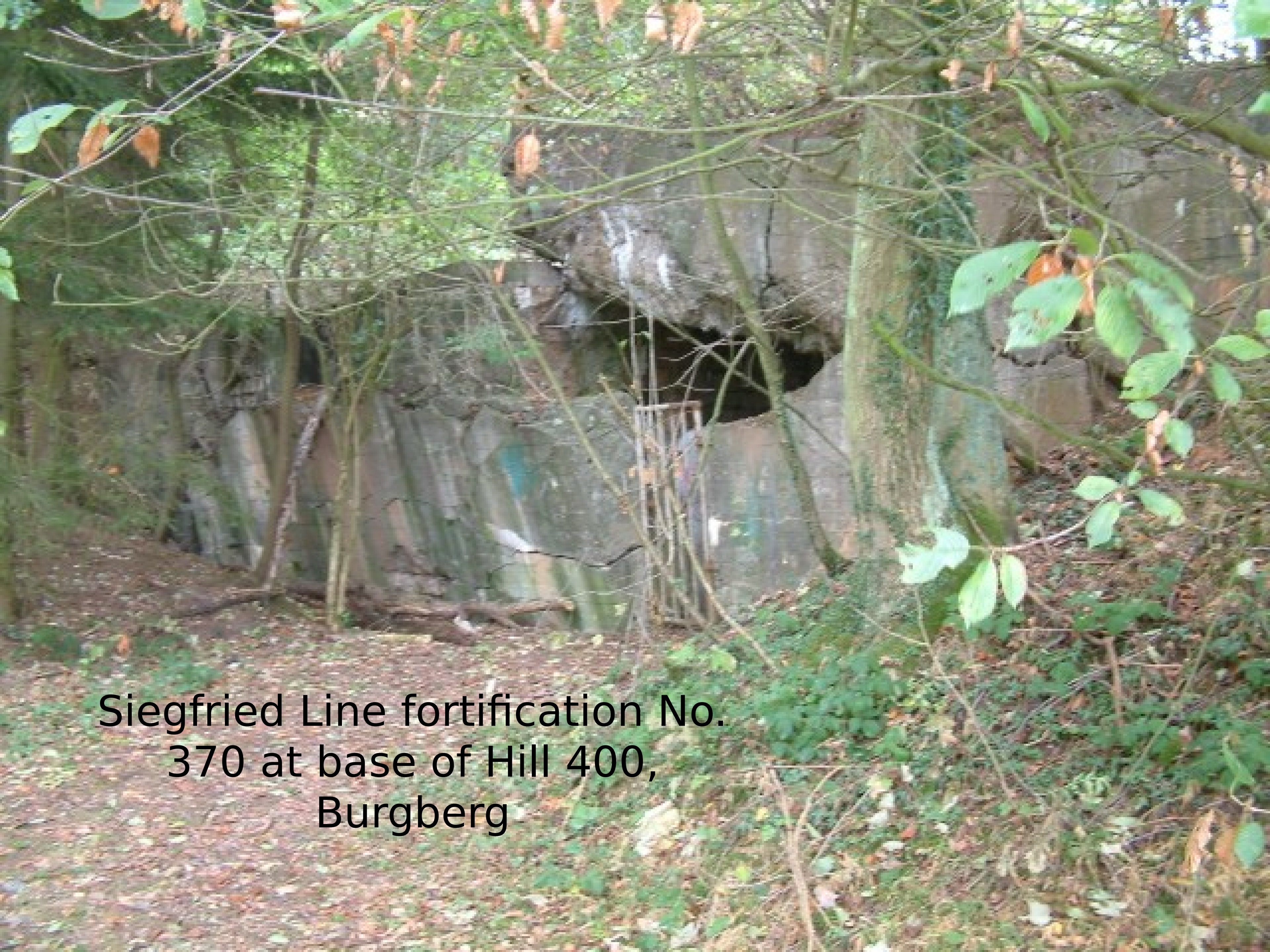


Dragon’s Teeth Anti-Tank Defense Belt at Hill 554, Paustenbacher Höhe



American Approach to Reducing Pillboxes

1. Artillery & mortars firing HE & smoke shells suppress pillbox so engineers can blow Dragon’s teeth to allow tanks and tank destroyers to move up.
2. Infantry, engineers, and armor move forward under covering fire until in position to attack the pillbox.
3. Tanks, tank destroyers, and self-propelled guns use direct fire to engage doors and apertures to allow infantry and engineers to close up to pillbox.
4. Covered by their own men, assault teams place pole and satchel charges through holes or apertures and shaped charges (“beehives”) or several hundred pounds of TNT or mines on roof to destroy the structure and disable personnel inside.
5. Once one pillbox is destroyed, covering fire is removed and other pillboxes can be attacked from their exposed sides.



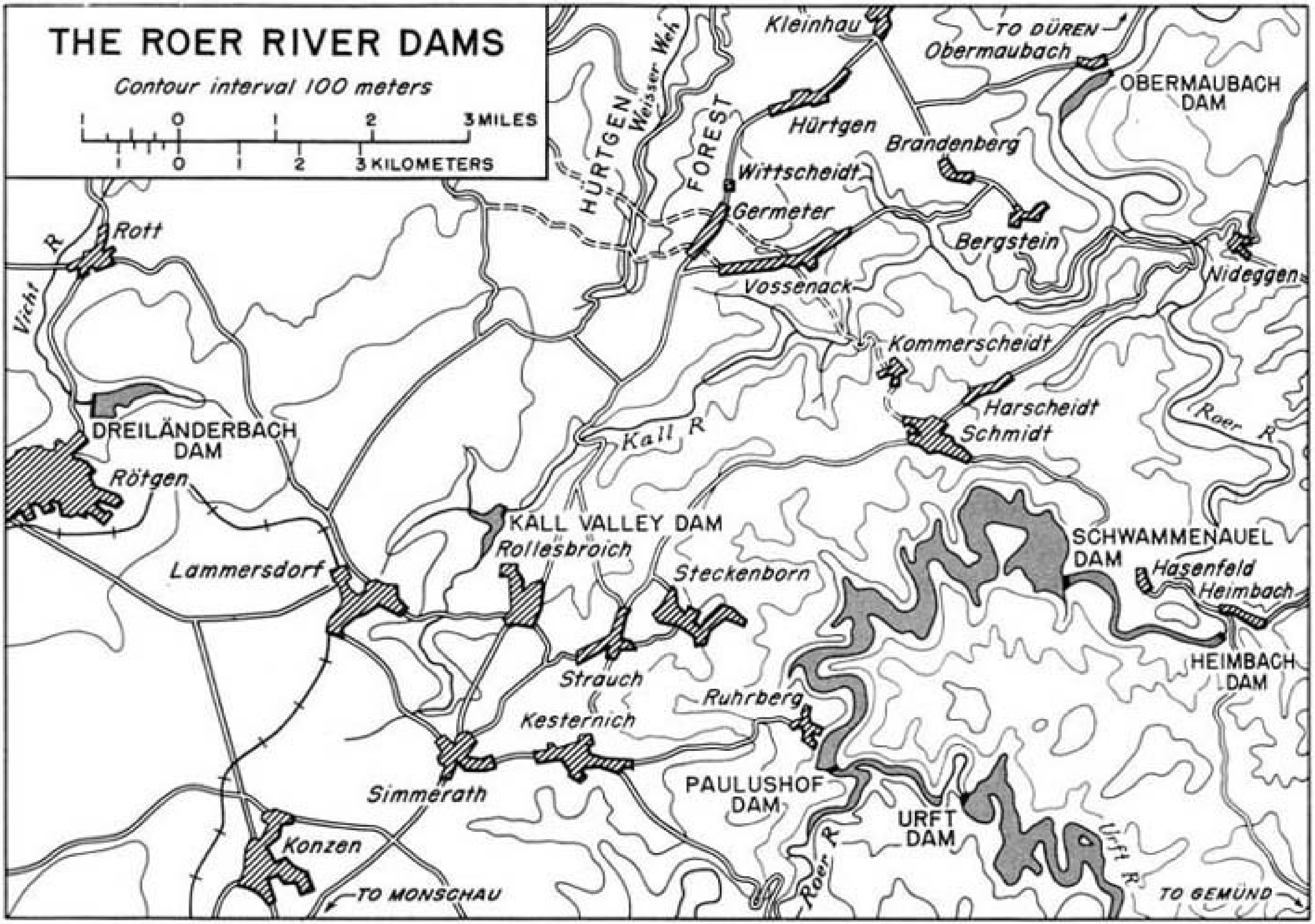
Siegfried Line fortification No. 370 at base of Hill 400, Burgberg

FIRST US ARMY & THE BATTLE FOR GERMANY (HÜRTGEN AREA)

13 September-15 December 1944

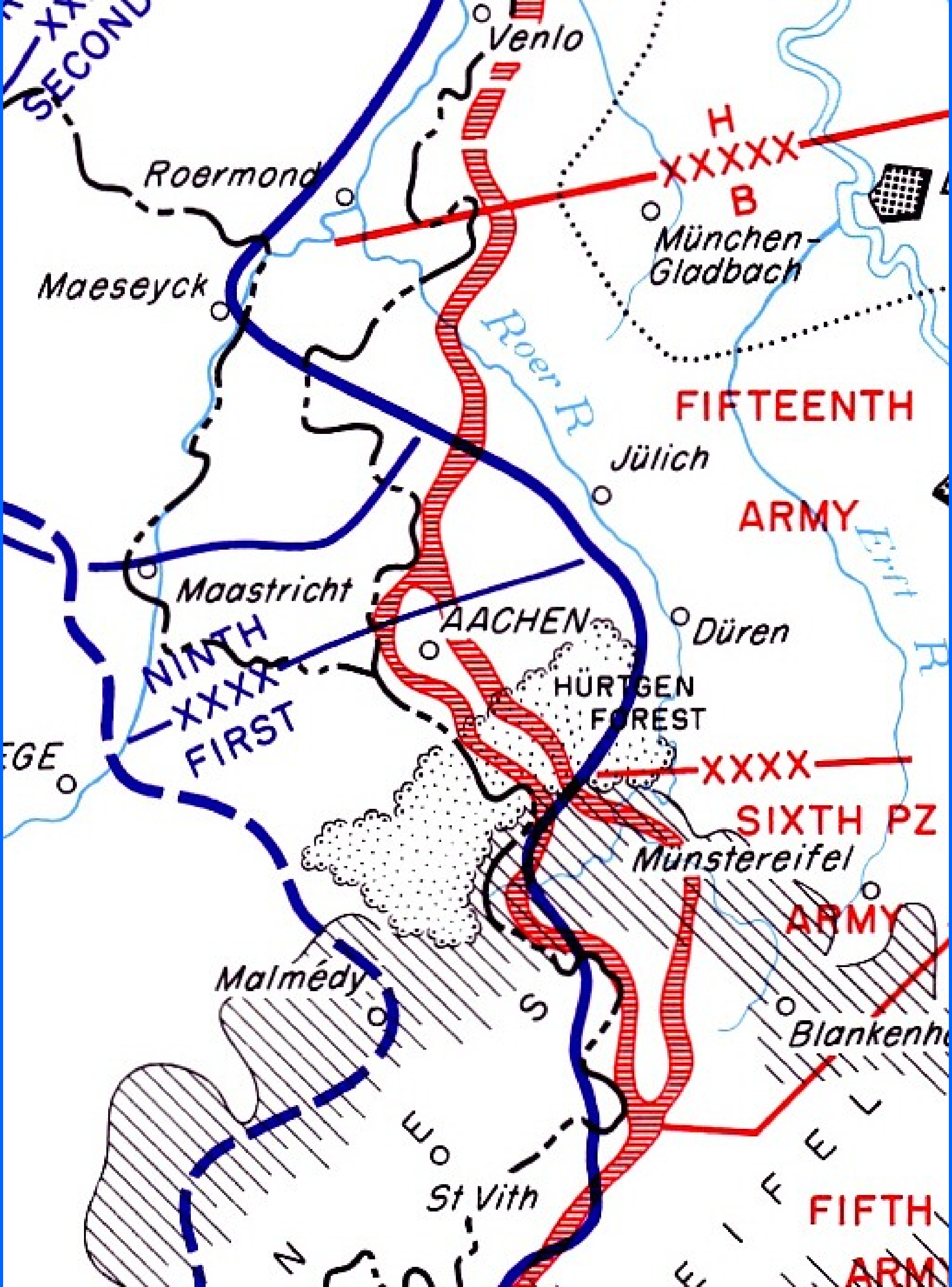
Consolidation 13 Sep-15 Oct
    9th ID
Aachen Offensive 16-26 Oct
    1st ID & 3d AD--outside area
Preparation for a New Offensive 27 Oct-15 Nov
    28th ID
Drive to the Roer River 16 Nov-13 Dec
    1st, 4th, 8th, & 83d IDs,
    5th AD, 2d Ranger Bn

Roer River Dams Offensive 14-15 Dec
    2d & 78th IDs


THE ROER RIVER DAMS
Contour interval 100 meters
0
1
2
3 MILES
1
0
1
2
3 KILOMETERS
Kleinhau
TO DÜREN
Obermaubach
OBERMAUBACH DAM
HÜRTGEN FOREST
Weisser Weh
Hürtgen
Brandenberg
Wittscheidt
Germeter
Bergstein
Rott
Vicht R
Vossenack
Nideggen
Kommerscheidt
Harscheidt
Schmidt
Roer R
Kall R
DREILÄNDERBACH DAM
Rötgen
KALL VALLEY DAM
Rollesbroich
SCHWAMMENAUEL DAM
Hasenfeld
Heimbach
Lammersdorf
Steckenborn
HEIMBACH DAM
Strauch
Ruhrberg
Kesternich
Simmerath
PAULUSHOF DAM
URFT DAM
Roer R
Urft R
Konzen
TO MONSCHAU
TO GEMÜND

D. Holmes, Jr.

MAP 5


XX
SECOND
Venlo
H
XXXXX
B
Roermond
München-
Gladbach
Maeseyck
Roer R
FIFTEENTH
Jülich
ARMY
Erft R
Maastricht
AACHEN
Düren
NINTH
XXXX
FIRST
HÜRTGEN
FOREST
XXXX
EGE
SIXTH PZ
Münstereifel
ARMY
Malmédy
S
E
N
Blankenh
St Vith
E
I
F
E
L
FIFTH
ARM

MAJOR US ARMY UNITS ENGAGED

September-December 1944

1st Infantry Division

8th Infantry Division

28th Infantry Division

3d Armored Division

4th Infantry Division

9th Infantry Division

2d Ranger Battalion

5th Armored Division

December 1944-February 1945

78th Infantry Division

83d Infantry Division

7th Armored Division

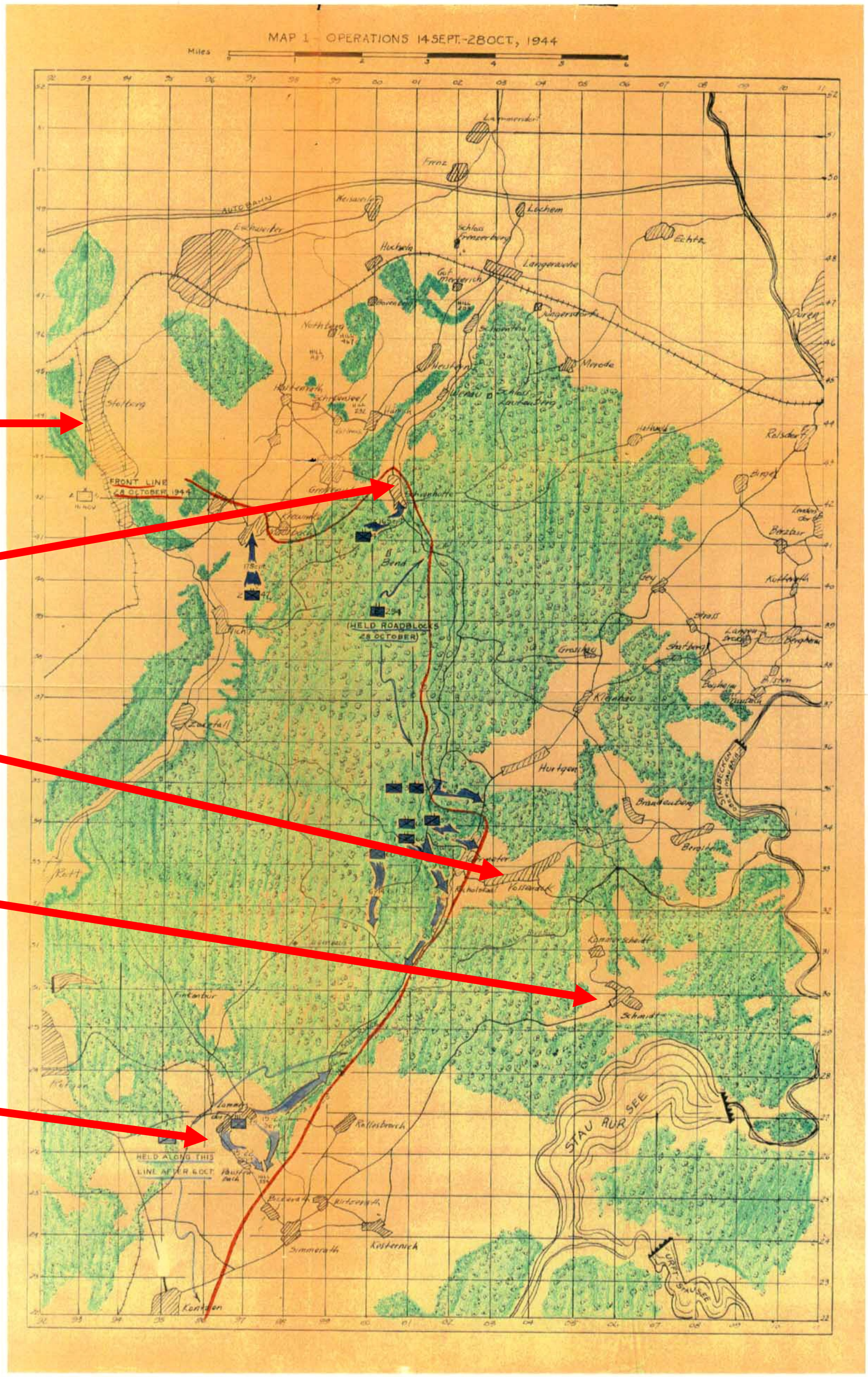
82d Airborne Division

104th Infantry Division

Consolidation Phase

14 Sep-28 Oct 1944

9th Infantry Division


MAP 1 - OPERATIONS 14 SEPT.-28 OCT, 1944
Miles
0
1
2
3
4
5
6
AUTOBAHN
Stolberg
FRONT LINE 28 OCTOBER 1944
HELD ROADBLOCKS 28 OCTOBER
Hurtgen
Vossenack
Schmidt
STAU RUR SEE
HELD ALONG THIS LINE AFTER 6 OCT.

Stolberg

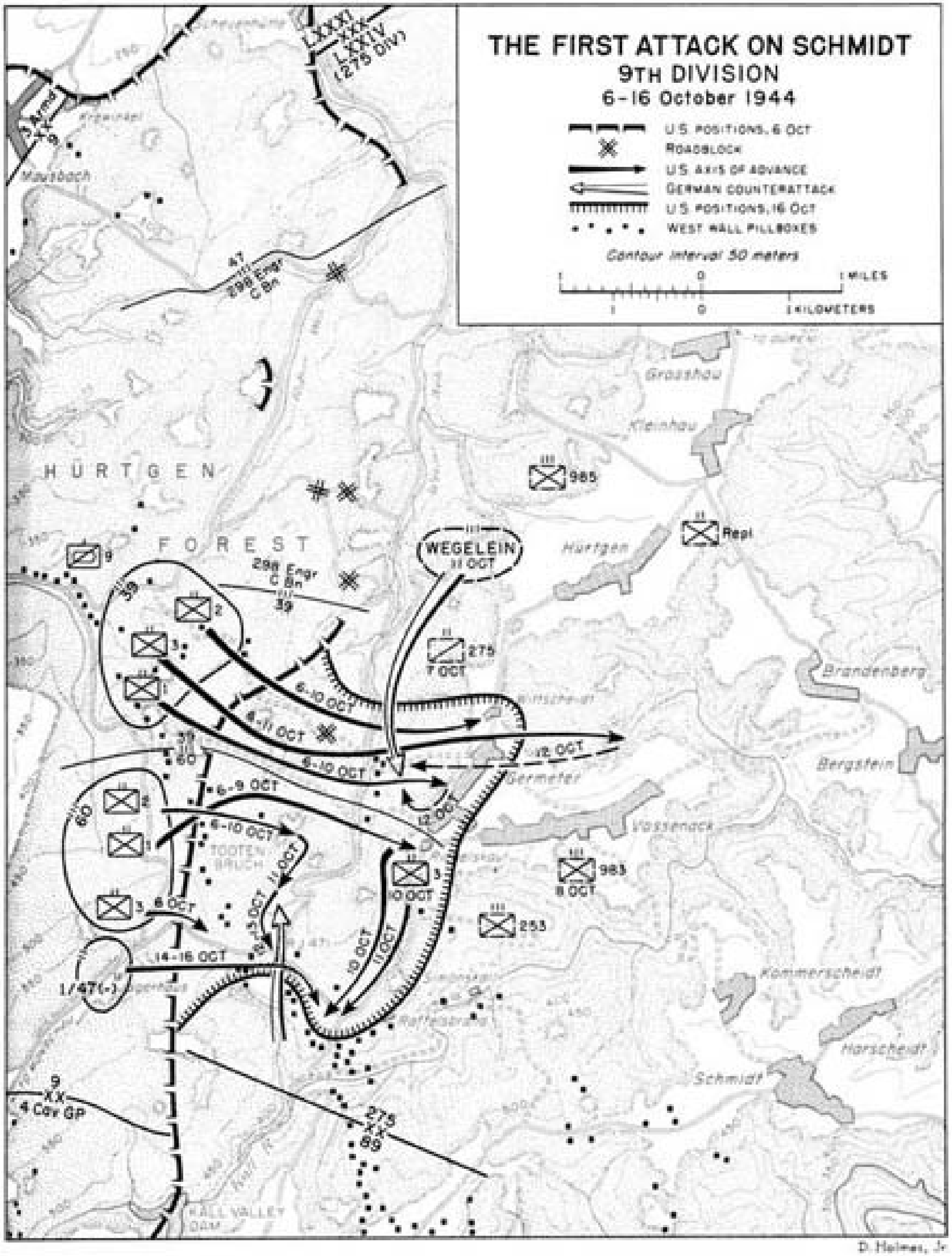
Schevenhütte

Vossenack

Schmidt

Paustenbach

Hill 554


THE FIRST ATTACK ON SCHMIDT
9TH DIVISION
6-16 October 1944
U.S. POSITIONS, 6 OCT
ROADBLOCK
U.S. AXIS OF ADVANCE
GERMAN COUNTERATTACK
U.S. POSITIONS, 16 OCT
WEST WALL PILLBOXES
Contour interval 50 meters
MILES
KILOMETERS
HÜRTGEN FOREST
Mausbach
Grosshau
Kleinhau
Hürtgen
Brandenberg
Bergstein
Germeter
Vossenack
Kommerscheidt
Harscheidt
Schmidt
Raffelsbrand
TODTEN BRUCH
KALL VALLEY DAM
WEGELEIN 11 OCT
985
Repl
275 7 OCT
983 8 OCT
253
298 Engr C Bn
47
39
60
1/47(-)
9 XX 4 Cav GP
275 XX 89
LXXXI XXX LXXIV (275 DIV)
6-10 OCT
6-11 OCT
6-9 OCT
8 OCT
10 OCT
11 OCT
12 OCT
14-16 OCT
D. Holmes, Jr.

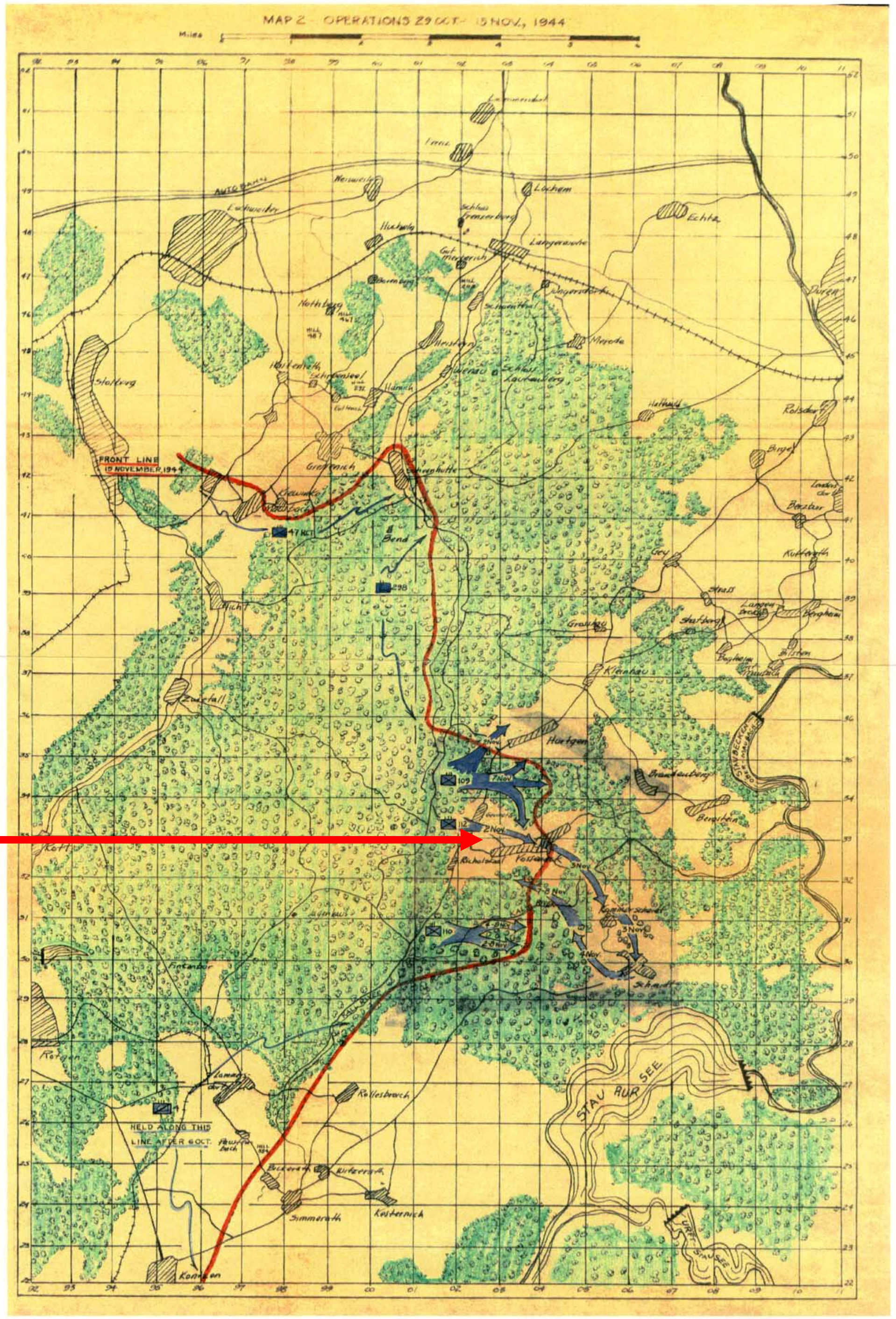
MAP 6

Preparation for a New Offensive Phase

29 Oct-15 Nov 1944

28th Infantry Division

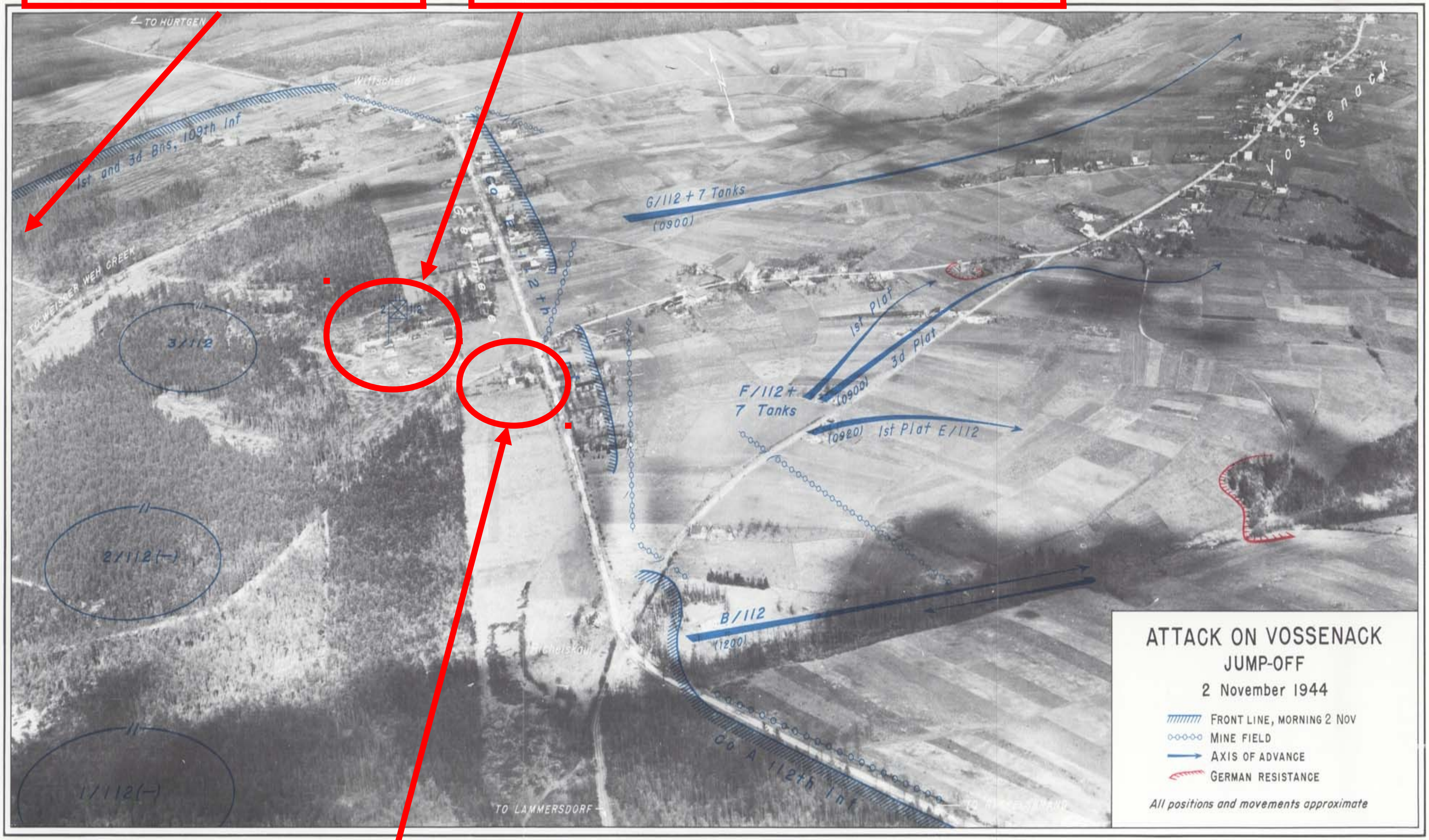
Kommerscheidt & Schmidt


MAP 2 - OPERATIONS 29 OCT - 15 NOV., 1944
Miles
FRONT LINE 15 NOVEMBER 1944
HELD ALONG THIS LINE AFTER 6 OCT.
Hurtgen
Vossenack
Richelskaul
Kommerscheidt
Schmidt
Brandenberg
Bergstein
Simmerath
Konzen
Düren
STAU RUR SEE

F-6

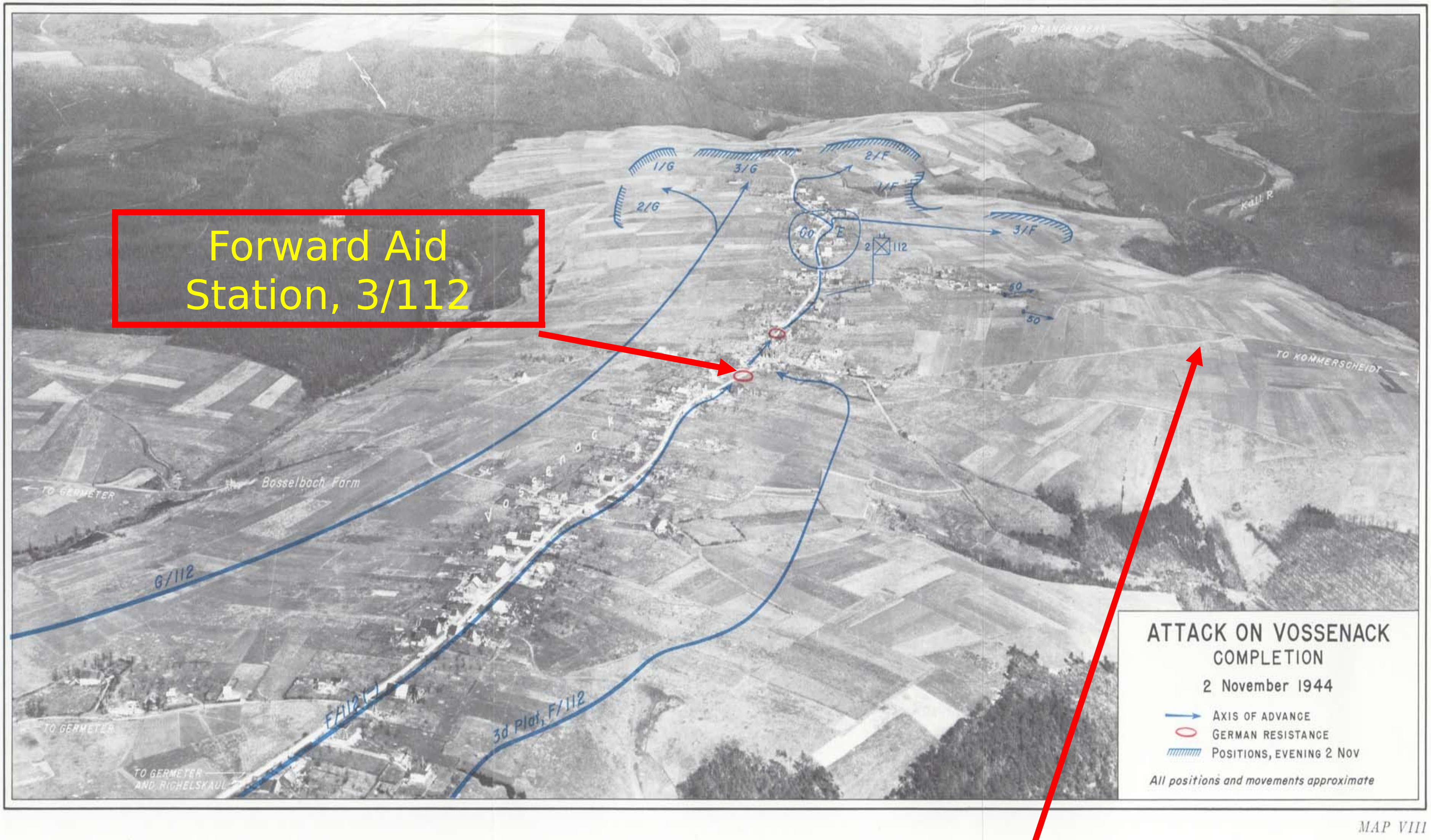
112th Regt Aid Station

CP, Aid Station, & ARP
2/112th Inf Regt


TO HURTGEN
Wittscheidt
1st and 3d Bns, 109th Inf
TO WEISSER WEH CREEK
3/112
2/112(–)
1/112(–)
2 112
Co E 112th
Cemetery
G/112 + 7 Tanks
(0900)
Vossenack
1st Plat
3d Plat
F/112 + 7 Tanks
(0900)
(0920) 1st Plat E/112
B/112
(1200)
Richelskaul
Co A 112th Inf
TO LAMMERSDORF
ATTACK ON VOSSENACK
JUMP-OFF
2 November 1944
FRONT LINE, MORNING 2 NOV
MINE FIELD
AXIS OF ADVANCE
GERMAN RESISTANCE
All positions and movements approximate

MAP VII

Zum Alten Forsthaus


1/G
3/G
2/F
1/F
2/G
CO
E
2 112
3/F
50
50
Kall R.
TO BRANDENBERG
TO KOMMERSCHEIDT
TO GERMETER
Bosselbach Farm
Vossenack
G/112
F/112(-)
3d Plat, F/112
TO GERMETER
TO GERMETER AND RICHELSKAUL

ATTACK ON VOSSENACK
COMPLETION
2 November 1944

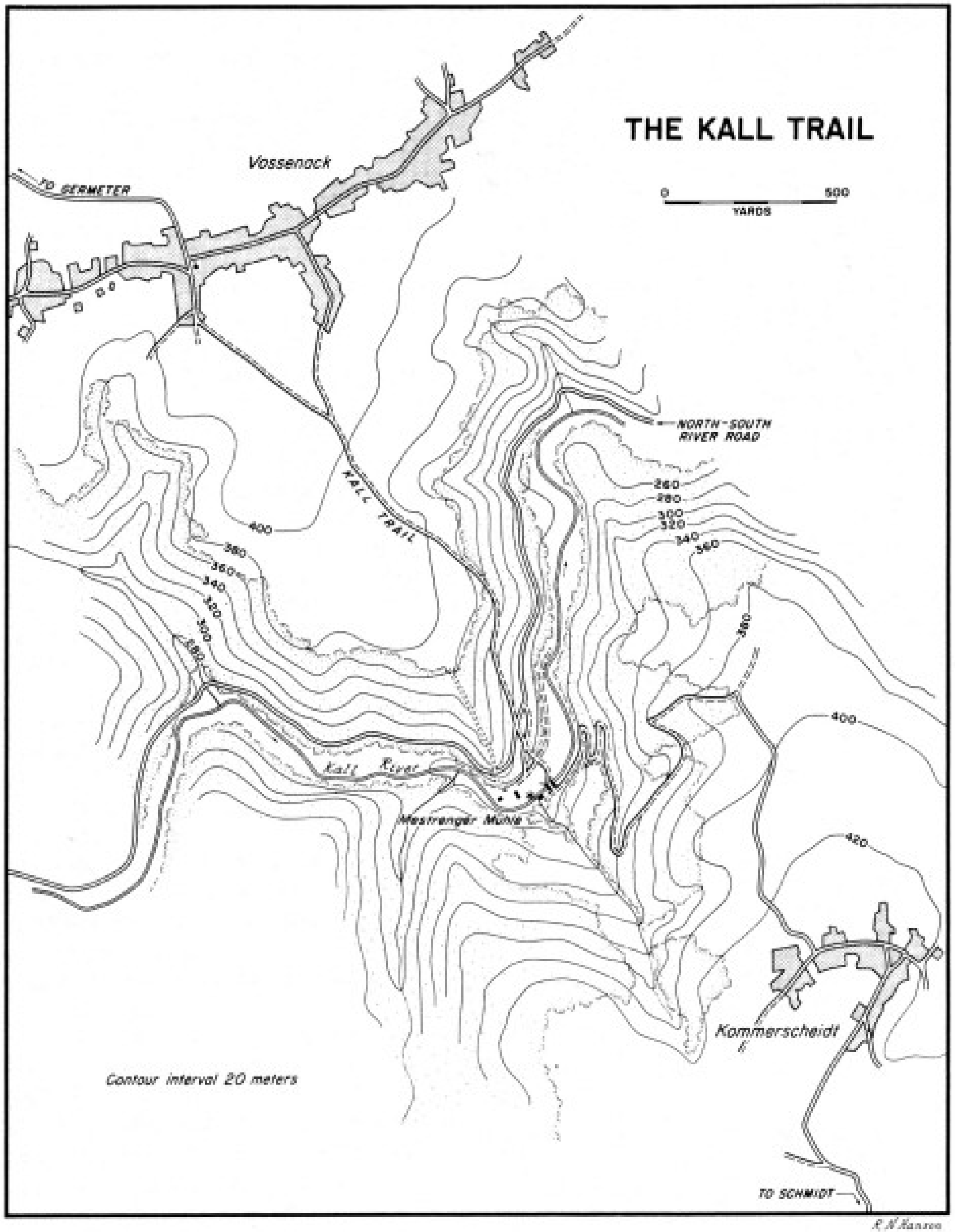
Axis of advance
German resistance
Positions, evening 2 Nov

All positions and movements approximate

MAP VIII

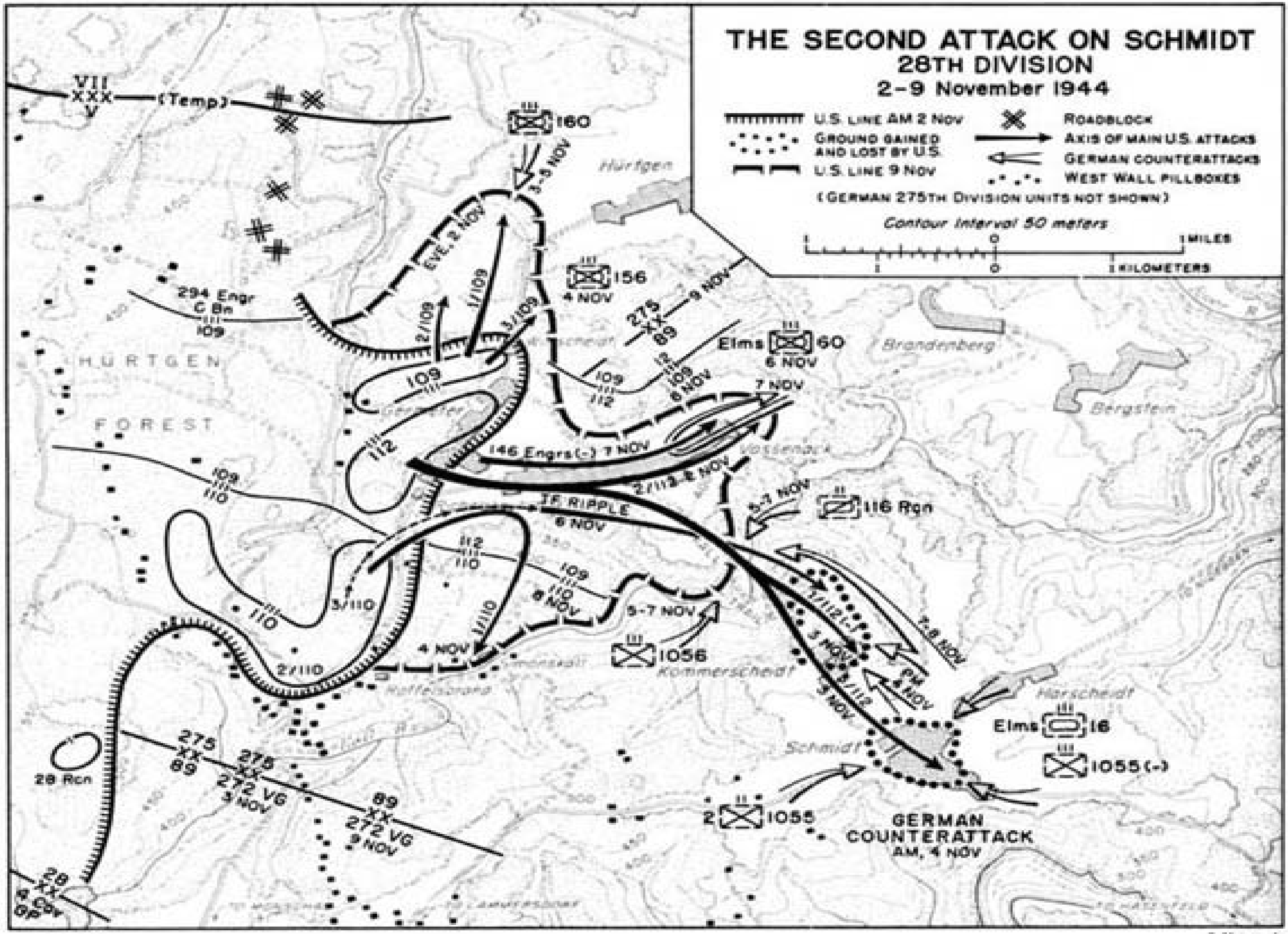
Forward Aid Station, 3/112

Approach to Kall Trail


THE KALL TRAIL
0
500
YARDS
Vossenack
TO GERMETER
KALL TRAIL
NORTH-SOUTH RIVER ROAD
260
280
300
320
340
360
380
400
420
Kall River
Mestrenger Muhle
Kommerscheidt
TO SCHMIDT
Contour interval 20 meters

R. N. Hanson

MAP 22

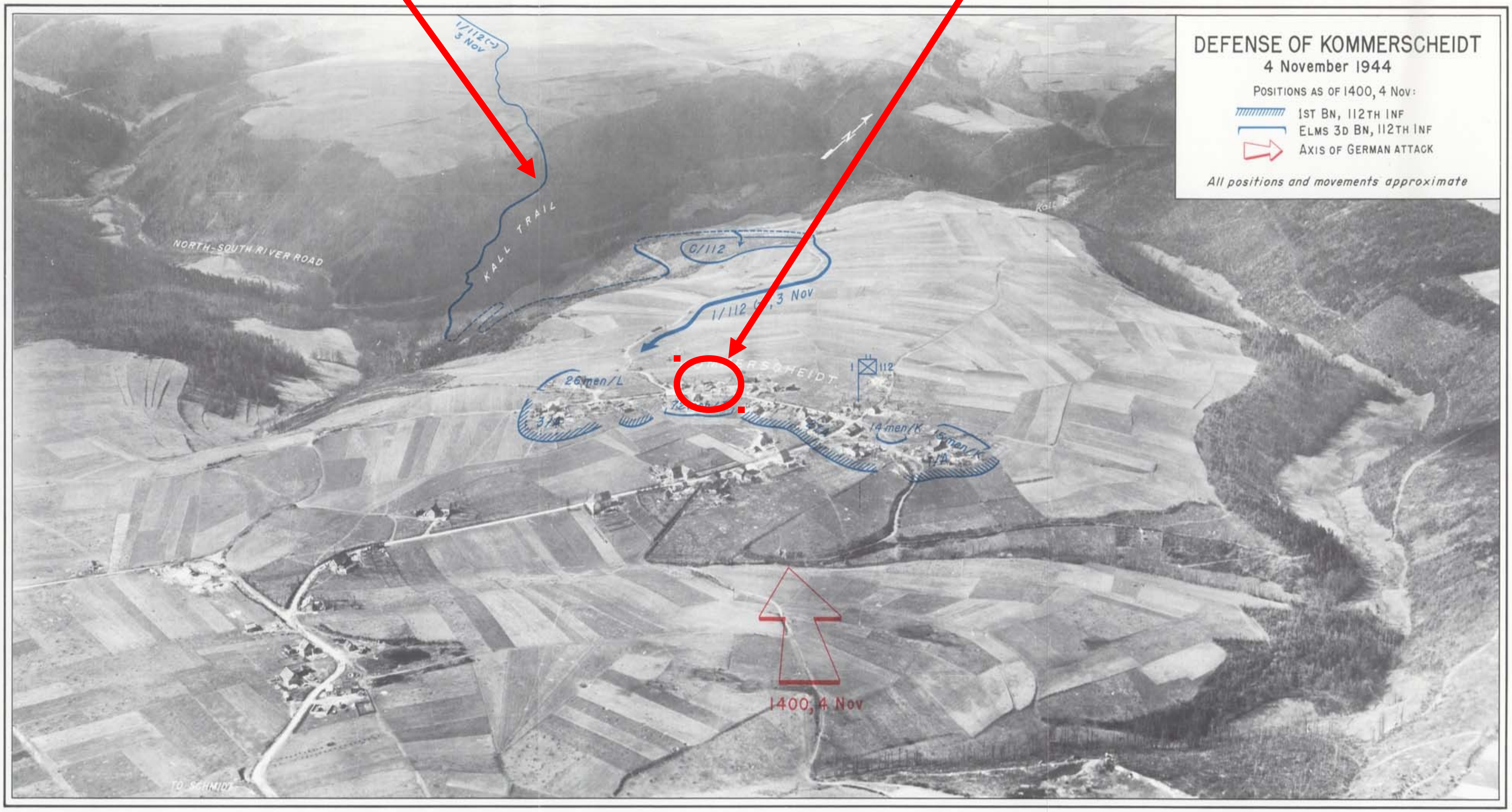

THE SECOND ATTACK ON SCHMIDT
28TH DIVISION
2-9 November 1944
U.S. LINE AM 2 NOV
GROUND GAINED AND LOST BY U.S.
U.S. LINE 9 NOV
ROADBLOCK
AXIS OF MAIN U.S. ATTACKS
GERMAN COUNTERATTACKS
WEST WALL PILLBOXES
(GERMAN 275TH DIVISION UNITS NOT SHOWN)
Contour interval 50 meters
1 MILES
1 KILOMETERS
VII
XXX
V
(Temp)
160
3-5 NOV
Hürtgen
EVE, 2 NOV
1/109
2/109
3/109
156
4 NOV
275
XX
89
9 NOV
294 Engr C Bn
109
Elms 60
6 NOV
Brandenberg
Bergstein
HURTGEN
FOREST
109
112
Germeter
7 NOV
146 Engrs(-) 7 NOV
Vossenack
2/112-6 NOV
TF RIPPLE
6 NOV
110
5-7 NOV
116 Rcn
3/110
1/110
8 NOV
1056
Kommerscheidt
2/110
Simonskall
Raffelsbrand
1/112(-)
3 NOV
3/112
7-8 NOV
5 NOV
Harscheidt
Elms 16
Schmidt
1055(-)
2 1055
GERMAN COUNTERATTACK AM, 4 NOV
28 Rcn
275
XX
89
272 VG
3 NOV
89
XX
272 VG
9 NOV
28
XX
4 Cav
Gp
TO MONSCHAU
TO LAMMERSDORF
TO HASENFELD
400
450
500

D. Holmes, Jr.

MAP 7

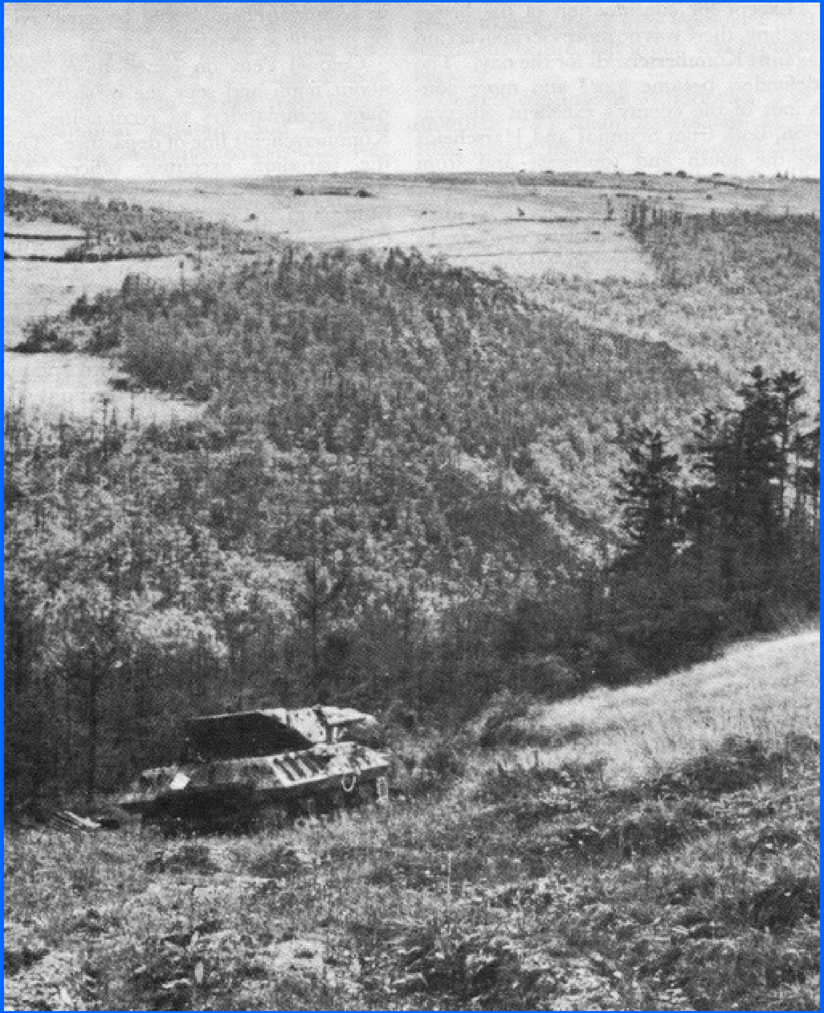
Aid Station, 3/112

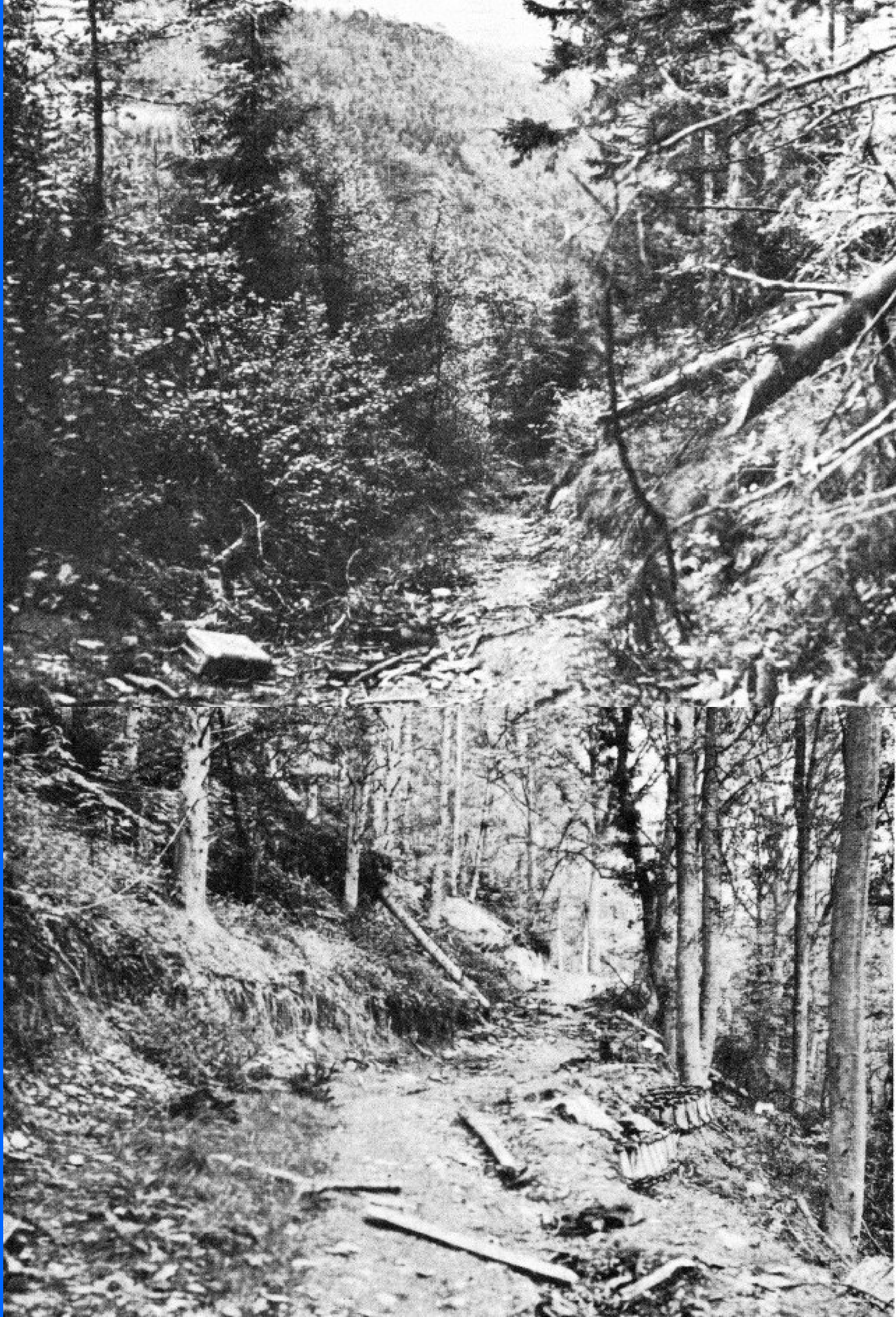
Aid Station, 1/112


DEFENSE OF KOMMERSCHEIDT
4 November 1944
Positions as of 1400, 4 Nov:
1st Bn, 112th Inf
Elms 3d Bn, 112th Inf
Axis of German Attack
All positions and movements approximate
1/112(-)
3 Nov
KALL TRAIL
NORTH-SOUTH RIVER ROAD
C/112
1/112 (-), 3 Nov
KOMMERSCHEIDT
1 112
26 men/L
3/A
14 men/K
15 men/K
1/A
1400, 4 Nov
TD SCHMIDT

MAP X

Kall Trail 1945





28-112-1
Sv 3

V-C-1
899-TD

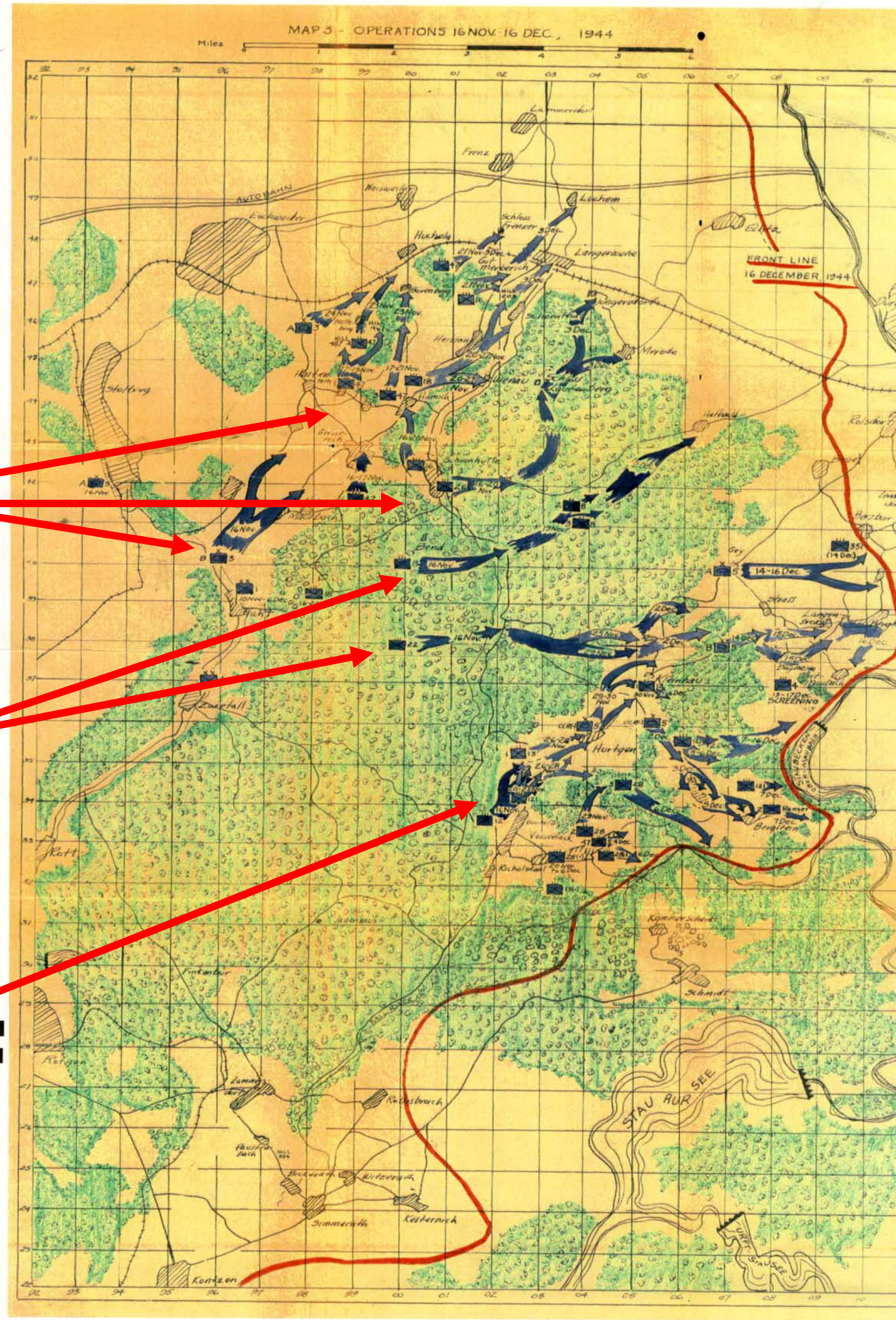
Drive to the Roer River Phase

16 Nov-16 Dec 1944

1st Infantry Division with 47th Inf Regt, 9th Infantry Division

4th Infantry Division

8th Infantry Division, 2d Ranger Bn, & 5th Armored Division


MAP 5 - OPERATIONS 16 NOV-16 DEC., 1944
Miles
0
1
2
3
4
5
6
AUTOBAHN
Frenz
Langerwehe
Merode
Stolberg
Zweifall
Hurtgen
Vossenack
Kommerscheidt
Schmidt
Rott
Roetgen
Rollesbroich
Simmerath
Kesternich
Konzen
STAU RUR SEE
FRONT LINE
16 DECEMBER 1944
14-16 Dec
16 Nov

F-7

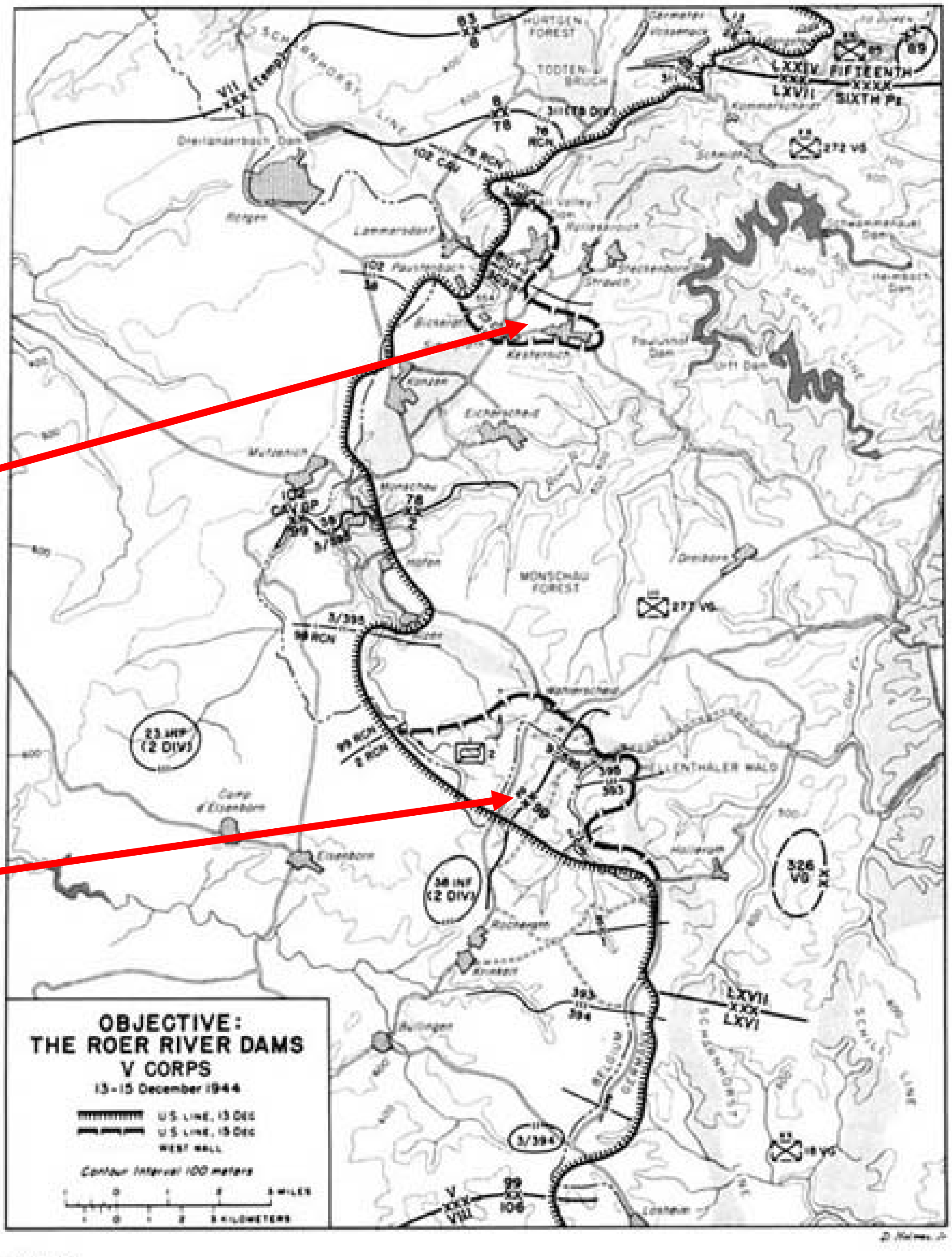
Roer River Dams Offensive

14-15 Dec 1944

78th ID Kesternich

2d ID & 99th ID

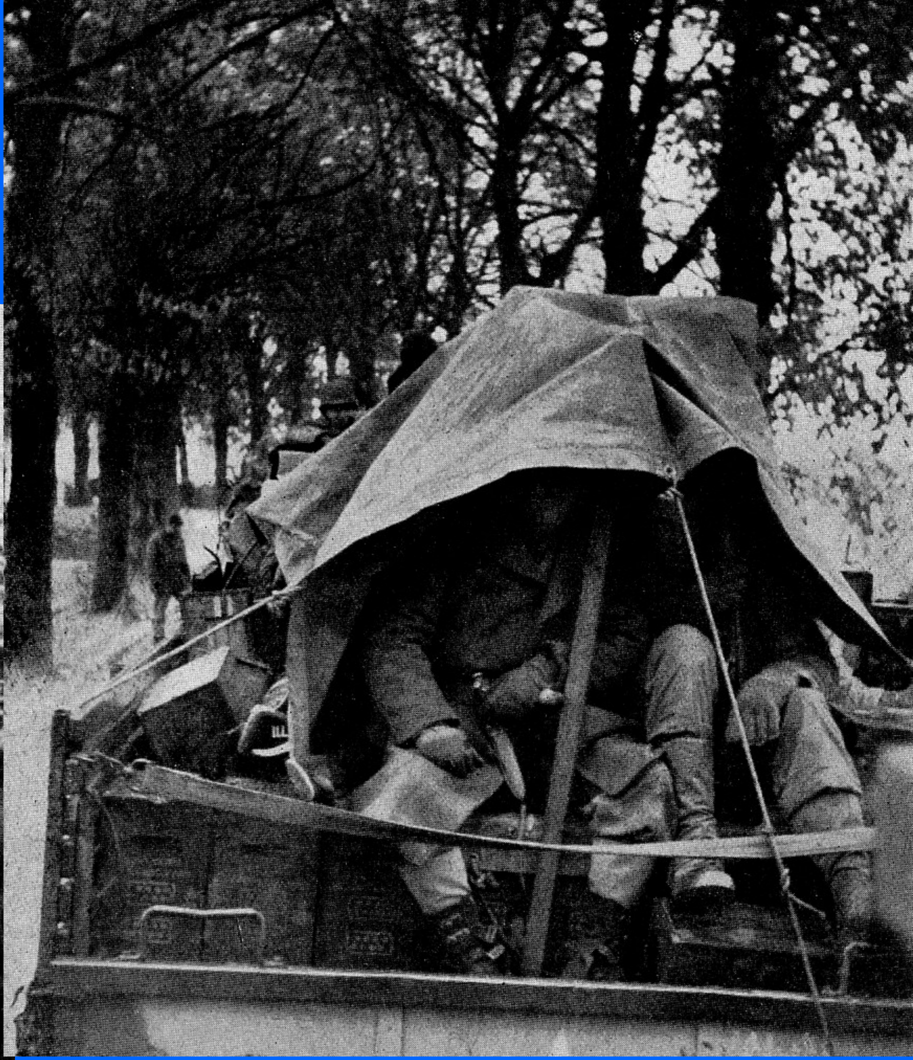
Wahlerscheid Crossroads

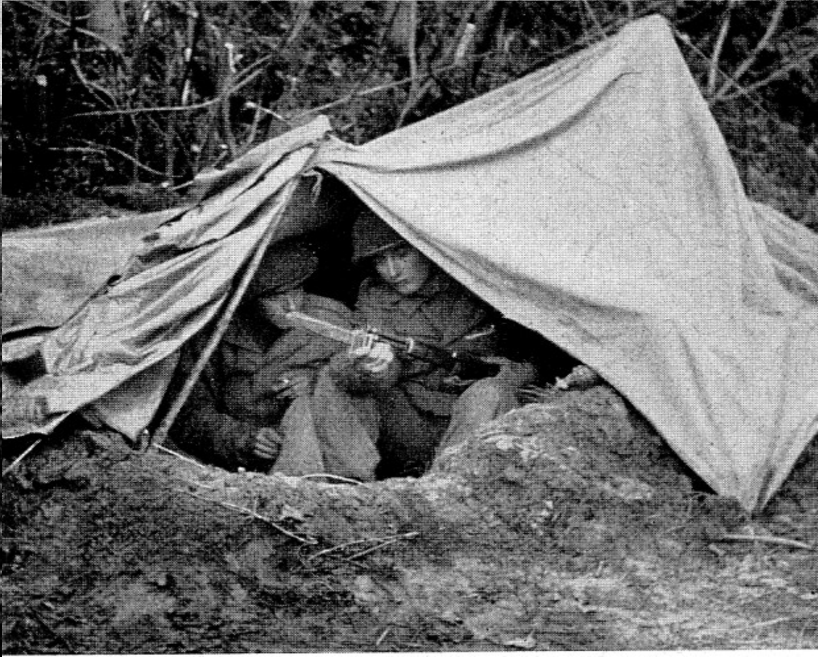


OBJECTIVE:
THE ROER RIVER DAMS
V CORPS
13-15 December 1944
U.S. LINE, 13 DEC
U.S. LINE, 15 DEC
WEST WALL
Contour Interval 100 meters
MILES
KILOMETERS
HÜRTGEN FOREST
TODTEN BRUCH
Dreilägerbach Dam
Roetgen
Lammersdorf
Paustenbach
Simmerath
Kesternich
Konzen
Eicherscheid
Mützenich
Monschau
MONSCHAU FOREST
Paulushof Dam
Urft Dam
Schwammenauel Dam
Heimbach Dam
Kommerscheidt
Schmidt
Strauch
Steckenborn
Dreiborn
Wahlerscheid
HELLENTHALER WALD
Hollerath
Rocherath
Krinkelt
Büllingen
Camp d'Elsenborn
Elsenborn
Losheim
SCHARNHORST LINE
SCHILL LINE
BELGIUM
GERMANY
78
102 CAV GP
99 RCN
2 RCN
23 INF (2 DIV)
38 INF (2 DIV)
3/395
3/394
272 VG
277 VG
326 VG
18 VG
LXXIV
LXVII
LXVI
FIFTEENTH
SIXTH PZ
VII
V
VIII
99
106
8
83

MAP 9

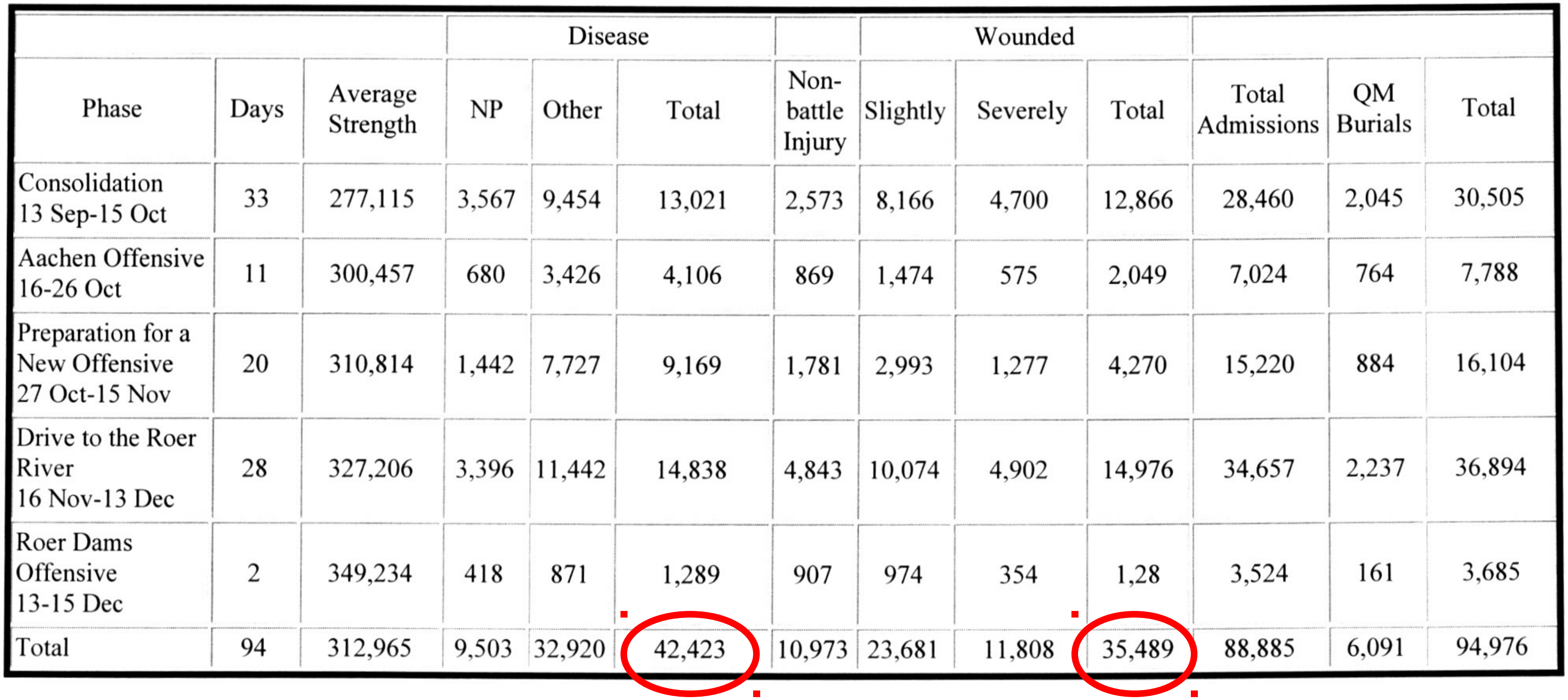
D. Holmes, Jr.





USA

FIRST US ARMY LOSSES DURING THE BATTLE FOR GERMANY
13 SEPTEMBER-15 DECEMBER 1944



			Disease				Wounded					
Phase	Days	Average Strength	NP	Other	Total	Non-battle Injury	Slightly	Severely	Total	Total Admissions	QM Burials	Total
Consolidation 13 Sep-15 Oct	33	277,115	3,567	9,454	13,021	2,573	8,166	4,700	12,866	28,460	2,045	30,505
Aachen Offensive 16-26 Oct	11	300,457	680	3,426	4,106	869	1,474	575	2,049	7,024	764	7,788
Preparation for a New Offensive 27 Oct-15 Nov	20	310,814	1,442	7,727	9,169	1,781	2,993	1,277	4,270	15,220	884	16,104
Drive to the Roer River 16 Nov-13 Dec	28	327,206	3,396	11,442	14,838	4,843	10,074	4,902	14,976	34,657	2,237	36,894
Roer Dams Offensive 13-15 Dec	2	349,234	418	871	1,289	907	974	354	1,28	3,524	161	3,685
Total	94	312,965	9,503	32,920	42,423	10,973	23,681	11,808	35,489	88,885	6,091	94,976

TABLE IX

NUMBER OF COMMAND LOST IN THE VARIOUS PHASES OF THE EUROPEAN CAMPAIGN, 10 OCT 45

NUMBER LOST

Phase	No. days	Av Str	Disease		Tot Dis	N-B Inj	Wounded		Tot	Tot adm	QM Bur	Total
			NP	Other			Sli	Ser				
6 Jun-24 Jul. . .	49	322,892	8,759	13,477	22,236	6,412	25,484	23,606	49,090	77.738	13,597	91,345
25 Jul-31 Jul. . .	7	436,833	2,391	2,690	5,081	1.164	7,215	3,974	11,189	17,434	2,241	19,665
1 Aug-10 Aug.	10	352,716	3,350	2,934	6.284	1.255	7.164	4,023	11,187	18,726	2,772	21,498
11 Aug-19 Aug	9	288,801	1,948	2.646	4,594	908	2,891	1,367	4,258	9,760	1.804	11,564
20 Aug-26 Aug	7	277,744	302	1,308	1.610	513	589	409	998	3,121	334	3,455
27 Aug-3 Sep. .	8	273,219	233	1,180	1,413	630	866	871	1,737	3,780	371	4,151
4 Sep-12 Sep. .	9	263,350	132	1,399	1,531	581	759	857	1,616	3,728	290	4,018
13 Sep-15 Oct.	33	277.115	3,567	9,454	13,021	2,573	8.166	4,700	12,866	28,460	2,045	30,505
16 Oct-26 Oct.	11	300.457	680	3,426	4,106	869	1,474	575	2,049	7,024	764	7,788
27 Oct-15 Nov	20	310,814	1,442	7,727	9,169	1,781	2,993	1,277	4,270	15,220	884	16,104
16 Nov-13 Dec	28	327,206	3,396	11,442	14,838	4,843	10,074	4,902	14,976	34,657	2,237	36,894
14 Dec-15 Dec	2	349,234	418	871	1,289	907	974	354	1,328	3,524	161	3,685
16 Dec-2 Jan. .	18	328,889	1,959	6,795	8,754	5,688	5,884	2,409	8,293	22,735	2,040	24,775
3 Jan-22 Feb. .	51	317,222	2,566	24,300	26,866	13,474	10,988	4,852	15,840	56,180	4,153	60,333
23 Feb-28 Feb.	6	316,923	221	2,131	2,352	646	1,618	715	2,333	5,331	511	5,842
1 Mar-24 Mar.	24	316,327	1,332	8,758	10,090	3,333	7,256	3,068	10,324	23,747	2,701	26,448
25 Mar-18 Apr	22	350,079	1,005	8,401	9,406	3,822	7,444	3,219	10,663	23,891	2,176	26,067
19 Apr-8 May.	20	344,497	347	6,824	7,171	2,011	789	368	1,157	10,339	1,248	11,587
Total.		. . . .	34,048	115,763	149,811	51,410	102,628	61,546	164,174	365,395	40,329	405,724

Wounded Admitted and Disposed of

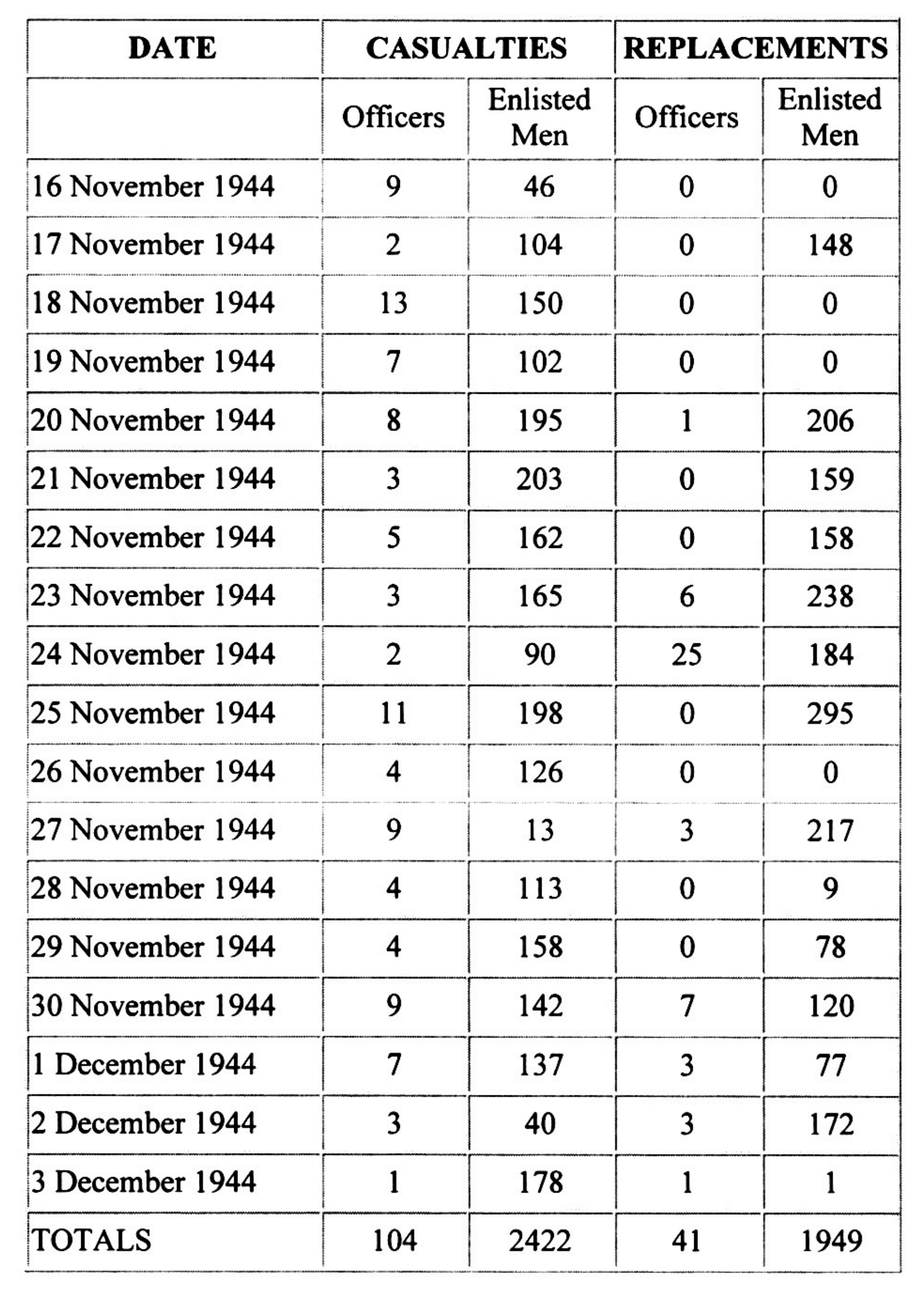
ANNEX 11
APPENDIX 2

1 Aug. 44–22 Feb. 45

Action	*U.S. Army admissions*	*Returned to duty*	*Evacuated*	*Died*
Exploitation of the St. Lo Break-Through (1 Aug.–12 Sep.)	19,796	2,950	18,833	824
The Drive South (1–10 Aug.)	11,187	1,606	10,280	384
The Falaise-Argentan Gap (11–19 Aug.)	4,258	659	4,984	197
Drive to the Seine (19–26 Aug.)	998	431	1,076	49
Battle of Northern France (27 Aug.–3 Sep.)	1,737	143	1,344	87
Push to The Siegfried Line (4–12 Sep.)	1,616	111	1,149	107
The Battle of Germany (13 Sep.–15 Dec.)	35,489	2,182	31,730	1,147
Consolidation (13 Sep.–15 Oct.)	12,866	1,049	11,293	480
The Aachen Offensive (16–26 Oct.)	2,049	253	2,155	106
Preparation for a New Offensive (27 Oct.–15 Nov.)	4,270	276	3,846	126
The Drive to the Roer River (16 Nov.–13 Dec.)	14,976	565	13,070	396
The Roer Dams Offensive (14–15 Dec.)	1,328	39	1,366	39
German Counteroffensive and the Drive to the Roer River (16 Dec.–22 Feb.)	24,133	1,514	22,142	730
The German Counteroffensive (16 Dec.–2 Jan.)	8,293	452	7,932	301
The Drive to the Roer River (3 Jan.–22 Feb.)	15,840	1,062	14,210	429

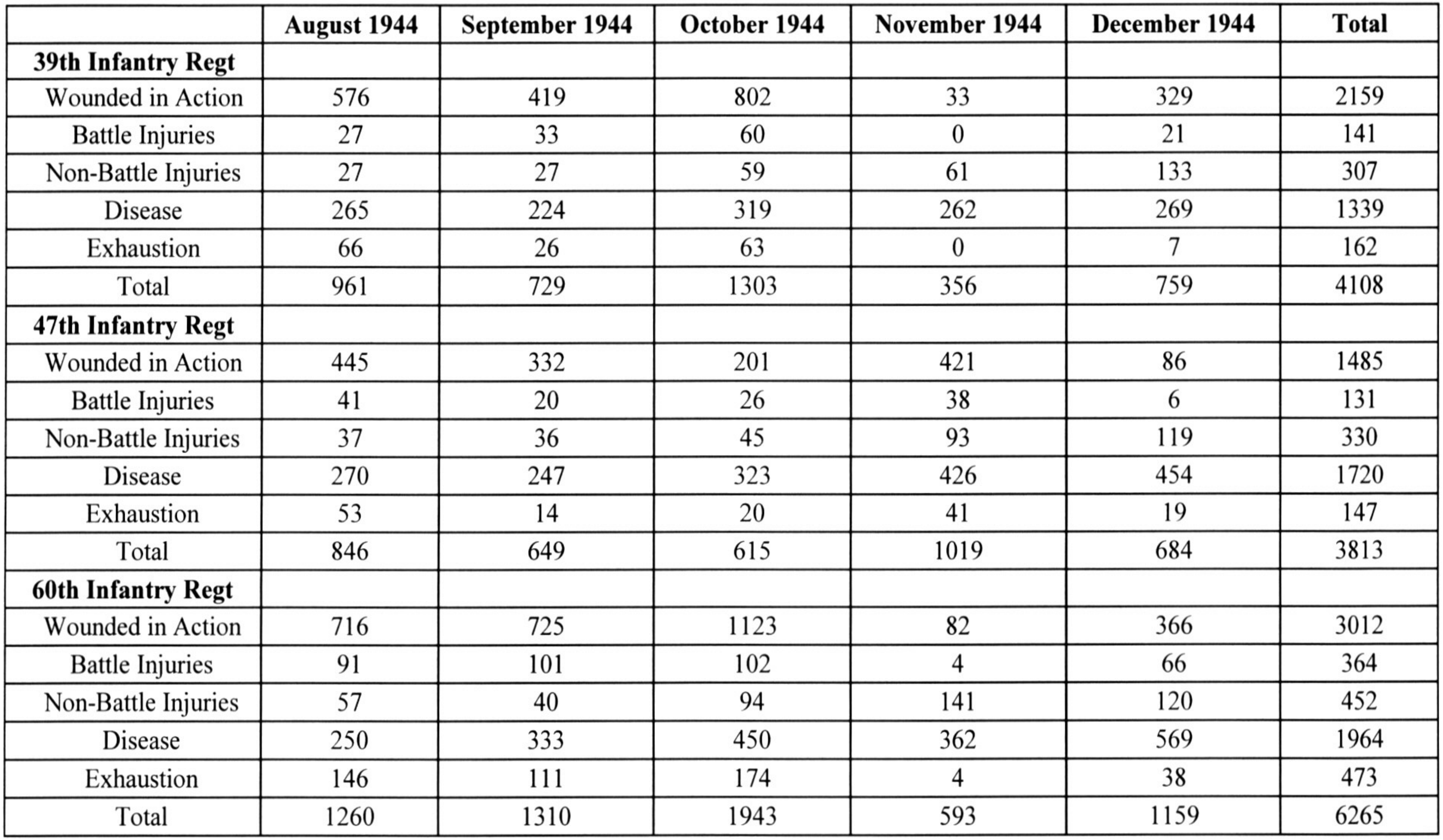
Source: Combat Medical Statistical Reports, ETOUSA MD Form 323.

4th Infantry Division Casualties & Replacements 16 Nov-3 Dec 1944



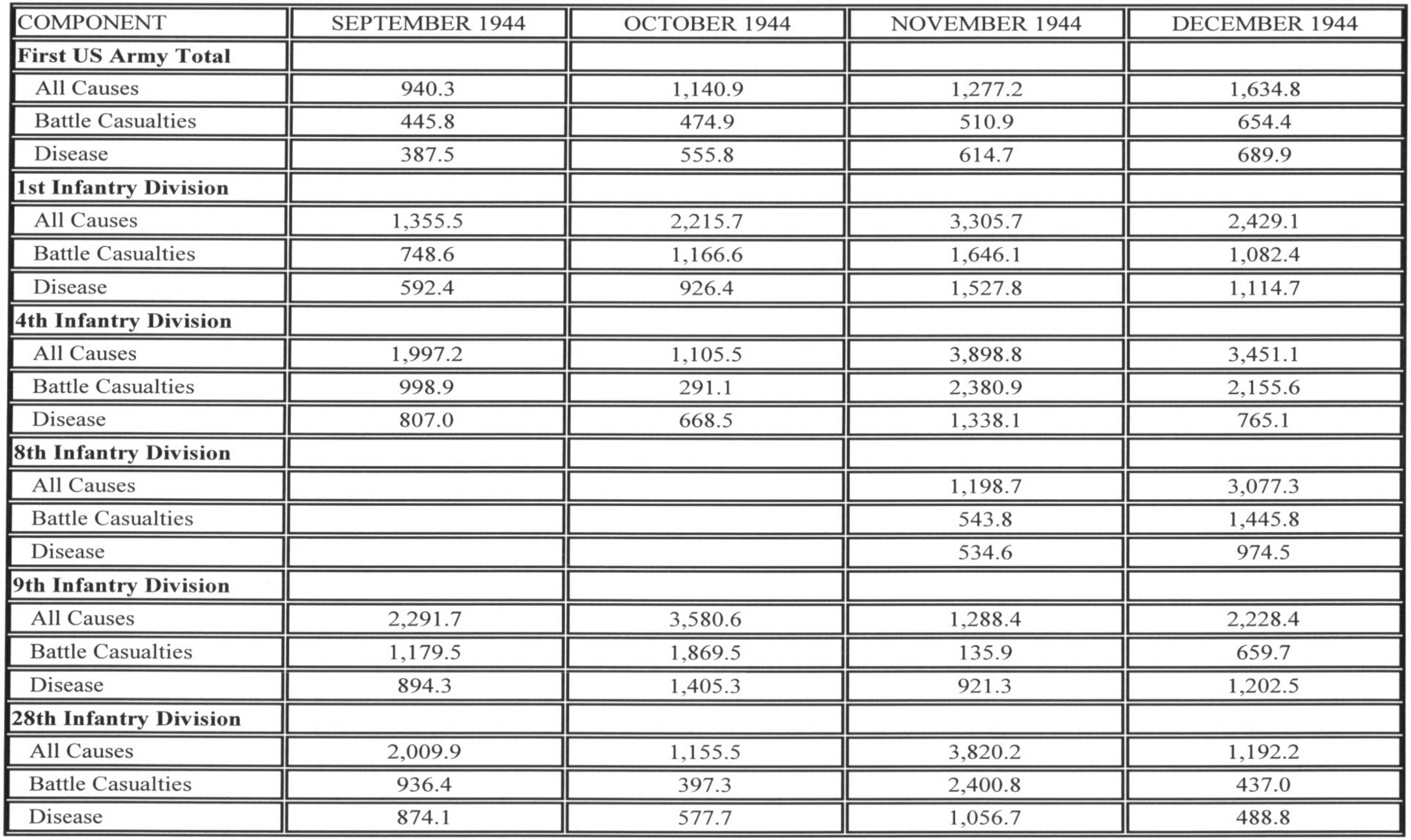
DATE	CASUALTIES		REPLACEMENTS	
	Officers	Enlisted Men	Officers	Enlisted Men
16 November 1944	9	46	0	0
17 November 1944	2	104	0	148
18 November 1944	13	150	0	0
19 November 1944	7	102	0	0
20 November 1944	8	195	1	206
21 November 1944	3	203	0	159
22 November 1944	5	162	0	158
23 November 1944	3	165	6	238
24 November 1944	2	90	25	184
25 November 1944	11	198	0	295
26 November 1944	4	126	0	0
27 November 1944	9	13	3	217
28 November 1944	4	113	0	9
29 November 1944	4	158	0	78
30 November 1944	9	142	7	120
1 December 1944	7	137	3	77
2 December 1944	3	40	3	172
3 December 1944	1	178	1	1
TOTALS	104	2422	41	1949

9th Infantry Division
Casualties Treated By Division Medical Activities
August-December 1944



	August 1944	September 1944	October 1944	November 1944	December 1944	Total
39th Infantry Regt						
Wounded in Action	576	419	802	33	329	2159
Battle Injuries	27	33	60	0	21	141
Non-Battle Injuries	27	27	59	61	133	307
Disease	265	224	319	262	269	1339
Exhaustion	66	26	63	0	7	162
Total	961	729	1303	356	759	4108
47th Infantry Regt						
Wounded in Action	445	332	201	421	86	1485
Battle Injuries	41	20	26	38	6	131
Non-Battle Injuries	37	36	45	93	119	330
Disease	270	247	323	426	454	1720
Exhaustion	53	14	20	41	19	147
Total	846	649	615	1019	684	3813
60th Infantry Regt						
Wounded in Action	716	725	1123	82	366	3012
Battle Injuries	91	101	102	4	66	364
Non-Battle Injuries	57	40	94	141	120	452
Disease	250	333	450	362	569	1964
Exhaustion	146	111	174	4	38	473
Total	1260	1310	1943	593	1159	6265

BASIC ADMISSION RATES, FIRST US ARMY, IN THE BATTLE FOR GERMANY PER 1000 PER ANNUM SEPTEMBER-DECEMBER 1944



COMPONENT	SEPTEMBER 1944	OCTOBER 1944	NOVEMBER 1944	DECEMBER 1944
First US Army Total				
All Causes	940.3	1,140.9	1,277.2	1,634.8
Battle Casualties	445.8	474.9	510.9	654.4
Disease	387.5	555.8	614.7	689.9
1st Infantry Division				
All Causes	1,355.5	2,215.7	3,305.7	2,429.1
Battle Casualties	748.6	1,166.6	1,646.1	1,082.4
Disease	592.4	926.4	1,527.8	1,114.7
4th Infantry Division				
All Causes	1,997.2	1,105.5	3,898.8	3,451.1
Battle Casualties	998.9	291.1	2,380.9	2,155.6
Disease	807.0	668.5	1,338.1	765.1
8th Infantry Division				
All Causes			1,198.7	3,077.3
Battle Casualties			543.8	1,445.8
Disease			534.6	974.5
9th Infantry Division				
All Causes	2,291.7	3,580.6	1,288.4	2,228.4
Battle Casualties	1,179.5	1,869.5	135.9	659.7
Disease	894.3	1,405.3	921.3	1,202.5
28th Infantry Division				
All Causes	2,009.9	1,155.5	3,820.2	1,192.2
Battle Casualties	936.4	397.3	2,400.8	437.0
Disease	874.1	577.7	1,056.7	488.8

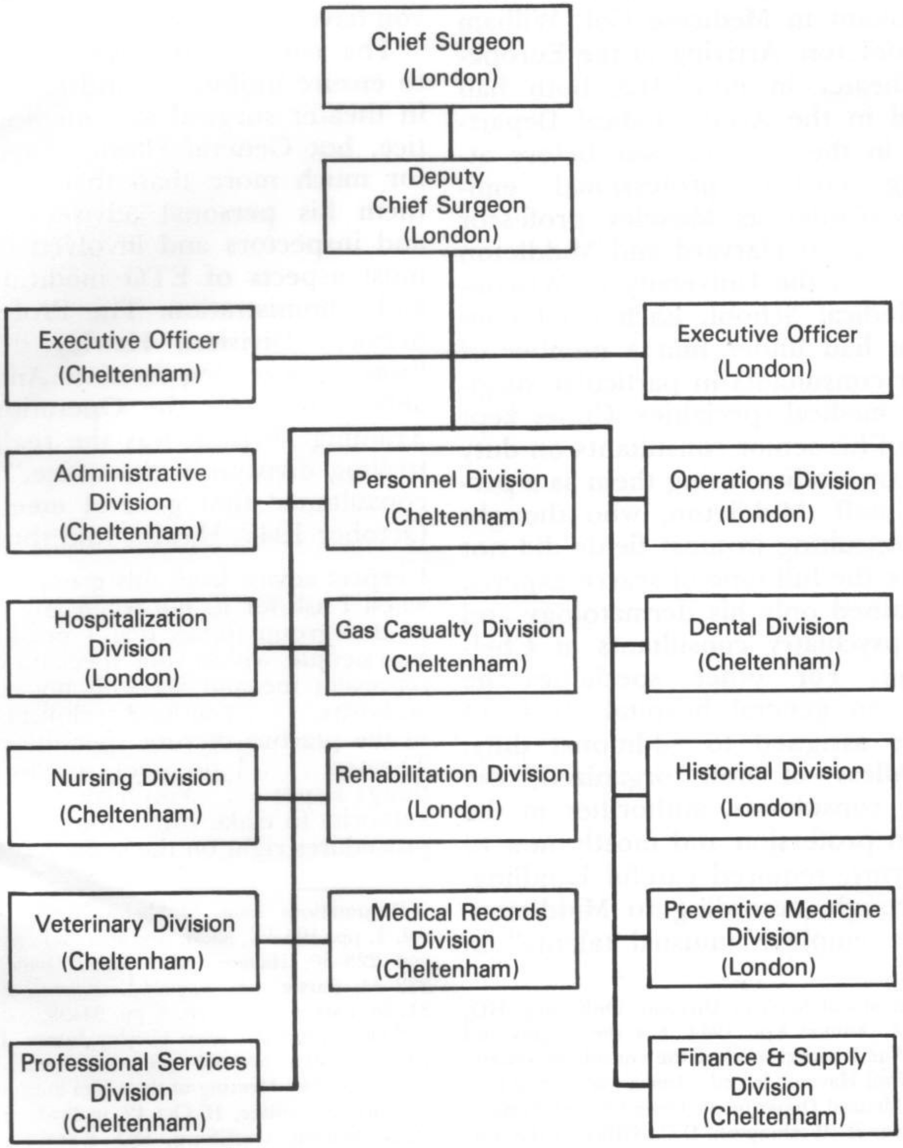
MEDICAL

ORGANIZATION

AND

SUPPORT

CHART 3—ORGANIZATION OF THE OFFICE OF THE CHIEF SURGEON, ETOUSA, JUNE 1944


Chief Surgeon (London)
Deputy Chief Surgeon (London)
Executive Officer (Cheltenham)
Executive Officer (London)
Administrative Division (Cheltenham)
Personnel Division (Cheltenham)
Operations Division (London)
Hospitalization Division (London)
Gas Casualty Division (Cheltenham)
Dental Division (Cheltenham)
Nursing Division (Cheltenham)
Rehabilitation Division (London)
Historical Division (London)
Veterinary Division (Cheltenham)
Medical Records Division (Cheltenham)
Preventive Medicine Division (London)
Professional Services Division (Cheltenham)
Finance & Supply Division (Cheltenham)

Source: Encl. 1, Personnel Division, OofCS, HQ, ETOUSA, Annual Rpt, 1944.

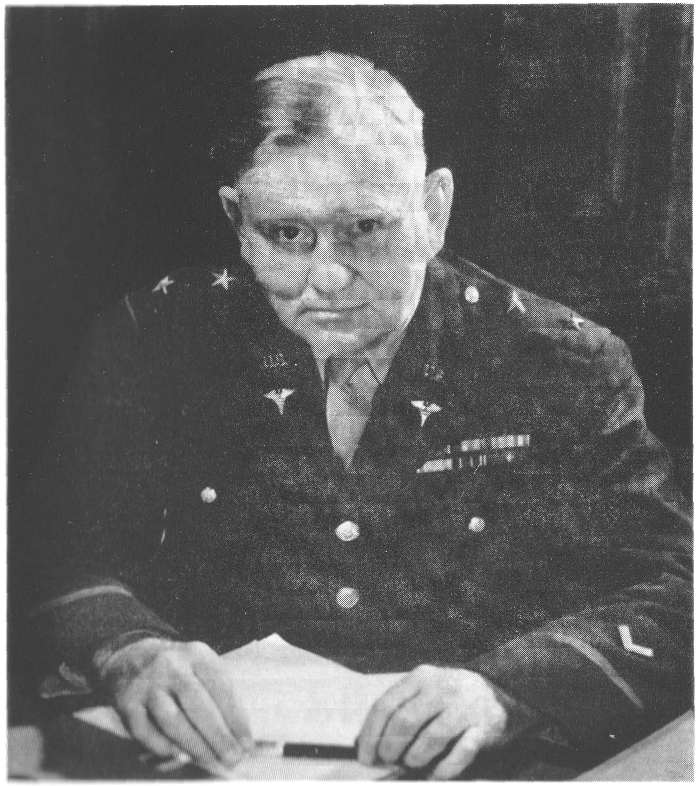
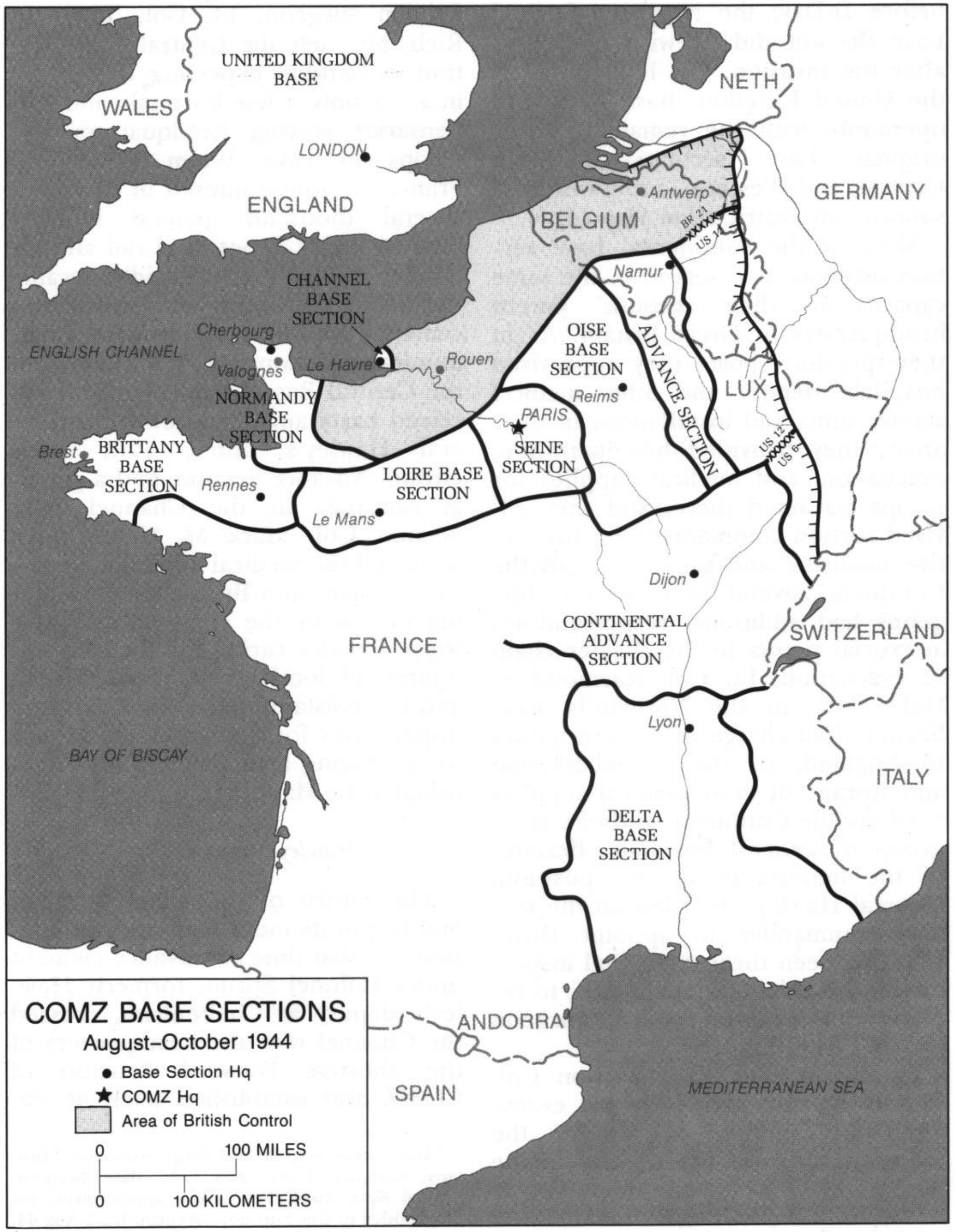
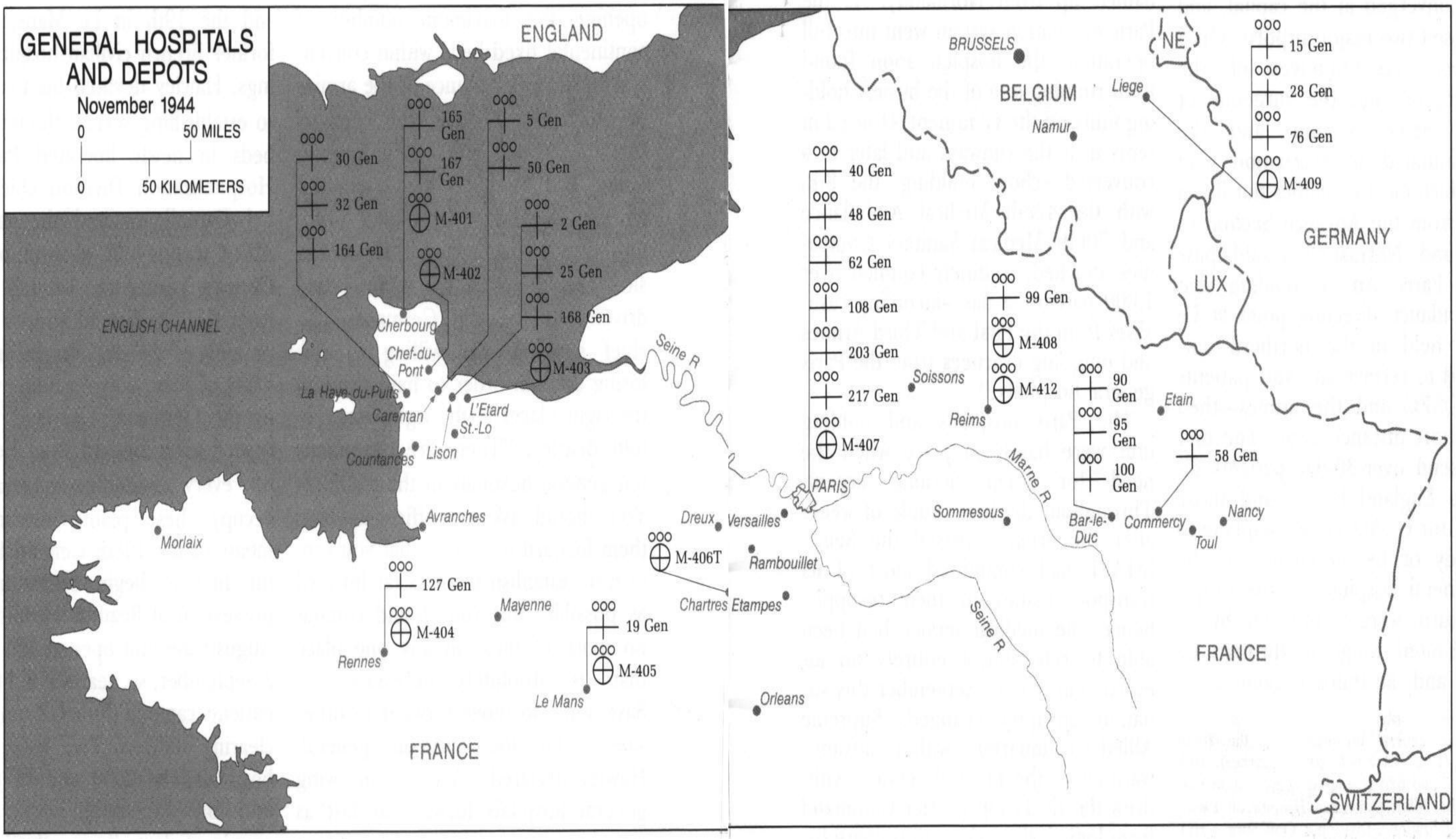


FIGURE 2.—Maj. Gen. Paul R. Hawley.


UNITED KINGDOM BASE
WALES
LONDON
ENGLAND
NETH
Antwerp
GERMANY
BELGIUM
BR 21
US 12
Namur
CHANNEL BASE SECTION
Cherbourg
ENGLISH CHANNEL
Le Havre
Rouen
Valognes
OISE BASE SECTION
ADVANCE SECTION
LUX
Reims
NORMANDY BASE SECTION
PARIS
SEINE SECTION
US 12
US 6
Brest
BRITTANY BASE SECTION
Rennes
LOIRE BASE SECTION
Le Mans
Dijon
CONTINENTAL ADVANCE SECTION
SWITZERLAND
FRANCE
Lyon
BAY OF BISCAY
ITALY
DELTA BASE SECTION
COMZ BASE SECTIONS
August–October 1944
Base Section Hq
COMZ Hq
Area of British Control
0
100 MILES
0
100 KILOMETERS
ANDORRA
SPAIN
MEDITERRANEAN SEA

MAP 13


GENERAL HOSPITALS AND DEPOTS
November 1944
0
50 MILES
0
50 KILOMETERS
ENGLAND
ENGLISH CHANNEL
30 Gen
32 Gen
164 Gen
165 Gen
167 Gen
M-401
M-402
5 Gen
50 Gen
2 Gen
25 Gen
168 Gen
M-403
Cherbourg
Chef-du-Pont
La Haye-du-Puits
Carentan
L'Etard
St.-Lo
Lison
Countances
Avranches
Morlaix
127 Gen
M-404
Rennes
Mayenne
19 Gen
M-405
Le Mans
M-406T
Dreux
Versailles
Rambouillet
Chartres
Etampes
Orleans
Seine R
FRANCE
BRUSSELS
BELGIUM
Namur
Liege
NE
LUX
GERMANY
15 Gen
28 Gen
76 Gen
M-409
40 Gen
48 Gen
62 Gen
108 Gen
203 Gen
217 Gen
M-407
PARIS
Soissons
Reims
99 Gen
M-408
M-412
90 Gen
95 Gen
100 Gen
Marne R
Sommesous
Bar-le-Duc
Etain
58 Gen
Commercy
Toul
Nancy
Seine R
FRANCE
SWITZERLAND

MAP 14

HOSPITALS & BEDS

(Late 1944)

COMMUNICATIONS ZONE (Continent)

General Hospitals	47	
Station Hospitals	16	
Convalescent Hospitals	2	
Evacuation Hospitals	1	
Beds	50,000 + 20,000 emergency	70,000

COMMUNICATIONS ZONE (United Kingdom)

General Hospitals	65	
Station Hospitals	16	
Beds	96,000 + 35,000 emergency	131,000

TOTAL: 147 Hospitals 201,000

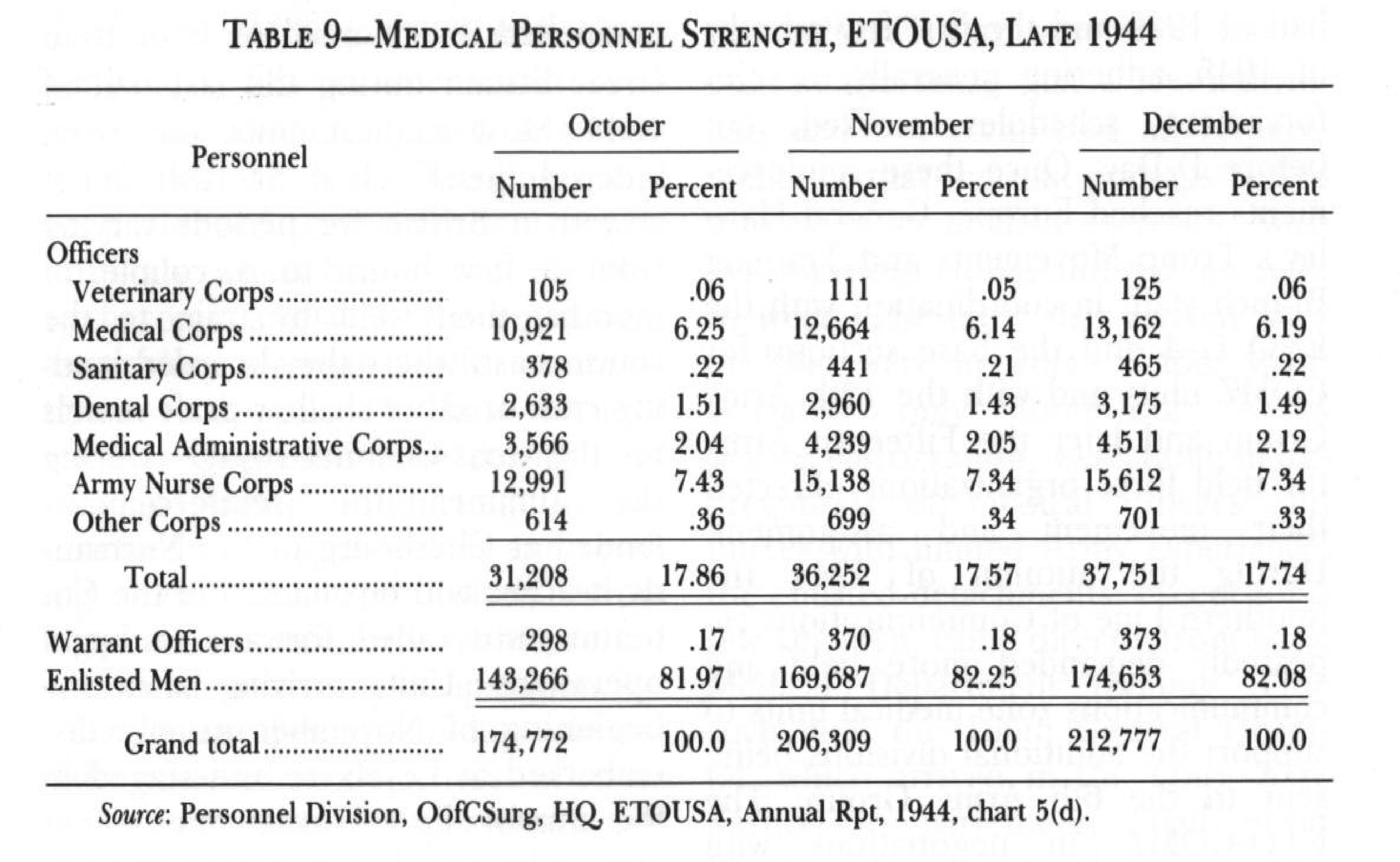
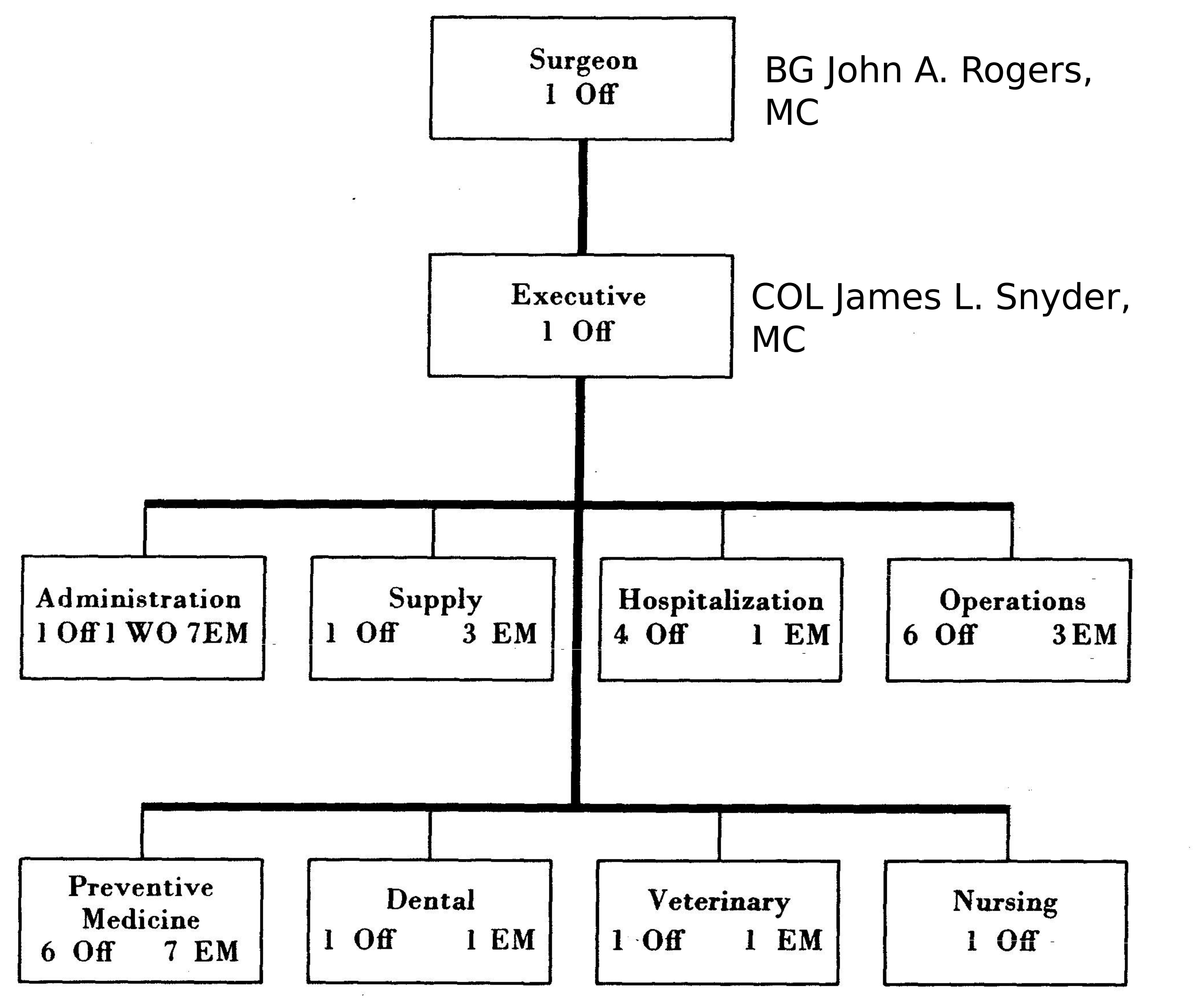


TABLE 9—MEDICAL PERSONNEL STRENGTH, ETOUSA, LATE 1944

Personnel	October		November		December	
	Number	Percent	Number	Percent	Number	Percent
Officers						
Veterinary Corps	105	.06	111	.05	125	.06
Medical Corps	10,921	6.25	12,664	6.14	13,162	6.19
Sanitary Corps	378	.22	441	.21	465	.22
Dental Corps	2,633	1.51	2,960	1.43	3,175	1.49
Medical Administrative Corps	3,566	2.04	4,239	2.05	4,511	2.12
Army Nurse Corps	12,991	7.43	15,138	7.34	15,612	7.34
Other Corps	614	.36	699	.34	701	.33
Total	31,208	17.86	36,252	17.57	37,751	17.74
Warrant Officers	298	.17	370	.18	373	.18
Enlisted Men	143,266	81.97	169,687	82.25	174,653	82.08
Grand total	174,772	100.0	206,309	100.0	212,777	100.0

Source: Personnel Division, OofCSurg, HQ, ETOUSA, Annual Rpt, 1944, chart 5(d).

MEDICAL SECTION, FUSA, 1944



Surgeon
1 Off

BG John A. Rogers, MC

Executive
1 Off

COL James L. Snyder, MC

Administration
1 Off 1 WO 7 EM

Supply
1 Off 3 EM

Hospitalization
4 Off 1 EM

Operations
6 Off 3 EM

Preventive Medicine
6 Off 7 EM

Dental
1 Off 1 EM

Veterinary
1 Off 1 EM

Nursing
1 Off

BG John A. Rogers, MC Surgeon, First US Army, 1943-45

MEDICAL GROUPS

68TH MEDICAL GROUP VII CORPS EUPEN, BE CDR: COL Francis P. Kintz, MC

175th & 176th Medical Battalions
13th & 51st Field Hospitals

134TH MEDICAL GROUP V CORPS MALMEDY, BE
CDR: COL Lee R. Wilhite, MC
179th & 180th Medical Battalions
42d & 45th Field Hospitals

64TH MEDICAL GROUP VIII CORPS BASTOGNE, BE CDR: COL H.E. Zittel, MC

170th and 240th Medical Battalions

NON-DIVISIONAL MEDICAL UNITS IN FUSA

SEPTEMBER-DECEMBER 1944

MEDICAL GROUPS		3
MEDICAL BATTALIONS (SEP)	10	
MEDICAL GAS TREATMENT BN		1
MEDICAL COLLECTING COMPANIES (SEP)	18	
MEDICAL CLEARING COMPANIES (SEP)		9
MEDICAL AMBULANCE COMPANIES	18	
FIELD HOSPITALS		6
EVACUATION HOSPITALS		11

DIVISIONAL MEDICAL UNITS

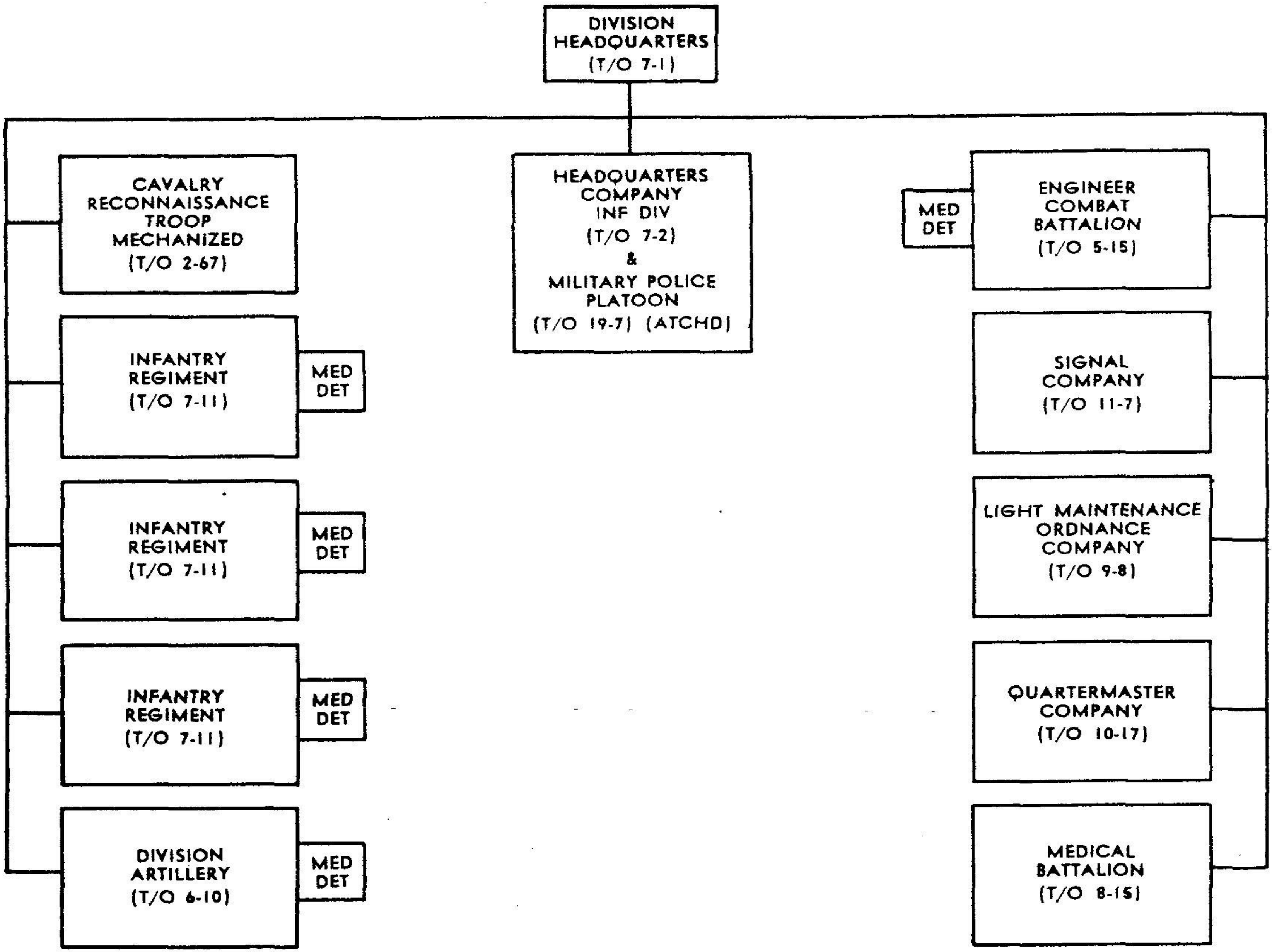
1 MED BN PER INF DIV

1 ARMORED MED BN PER ARMORED DIV

ORGANIC MEDICAL DETACHMENTS

Organization of the

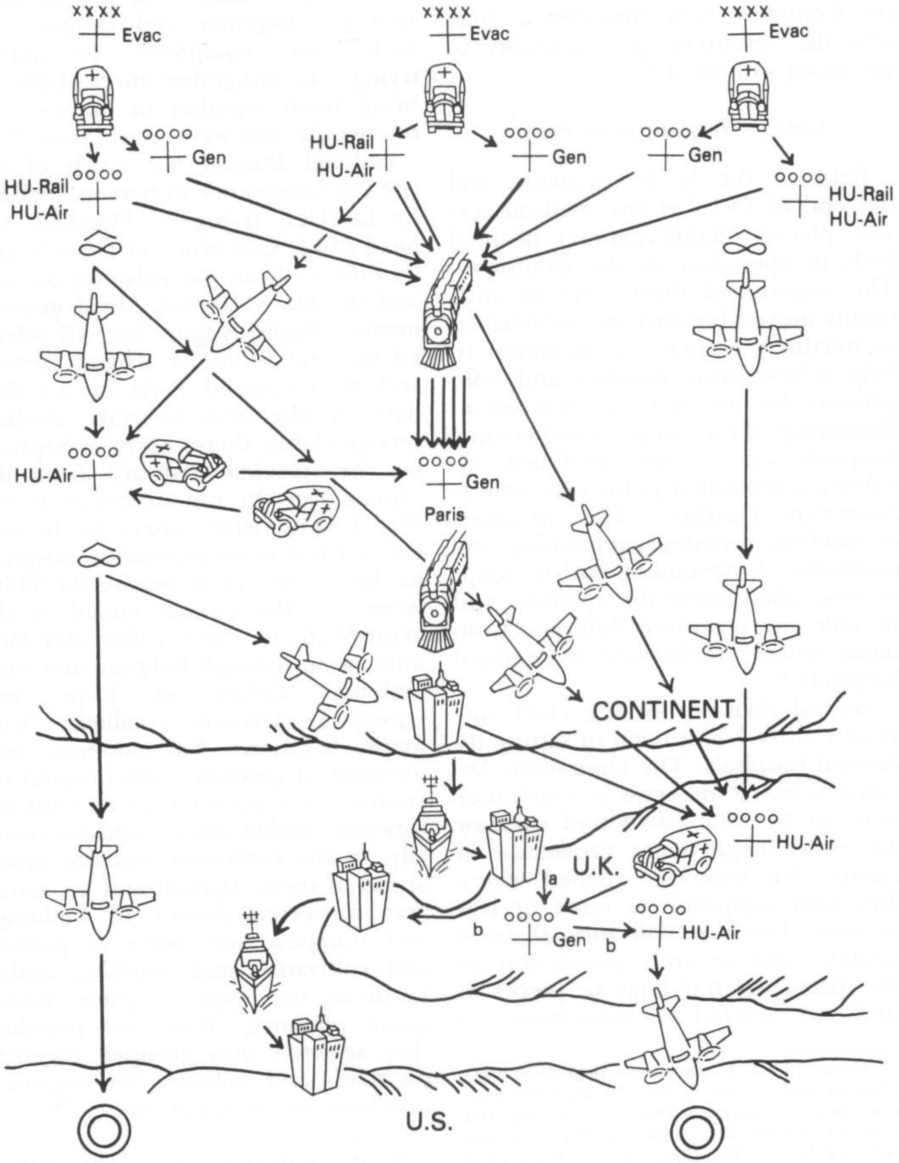
INFANTRY DIVISION


DIVISION HEADQUARTERS (T/O 7-1)
CAVALRY RECONNAISSANCE TROOP MECHANIZED (T/O 2-67)
HEADQUARTERS COMPANY INF DIV (T/O 7-2) & MILITARY POLICE PLATOON (T/O 19-7) (ATCHD)
MED DET
ENGINEER COMBAT BATTALION (T/O 5-15)
INFANTRY REGIMENT (T/O 7-11)
MED DET
SIGNAL COMPANY (T/O 11-7)
INFANTRY REGIMENT (T/O 7-11)
MED DET
LIGHT MAINTENANCE ORDNANCE COMPANY (T/O 9-8)
INFANTRY REGIMENT (T/O 7-11)
MED DET
QUARTERMASTER COMPANY (T/O 10-17)
DIVISION ARTILLERY (T/O 6-10)
MED DET
MEDICAL BATTALION (T/O 8-15)

AMEDD MOBILE HOSPITALS
MID-1944

TYPE	BEDS	UNITS	PERSONNEL
EVACUATION (SEMI-MOBILE)	400	1	296
FIELD	400	4	252
HQ		1	21
Hosp Unit	100	3	77

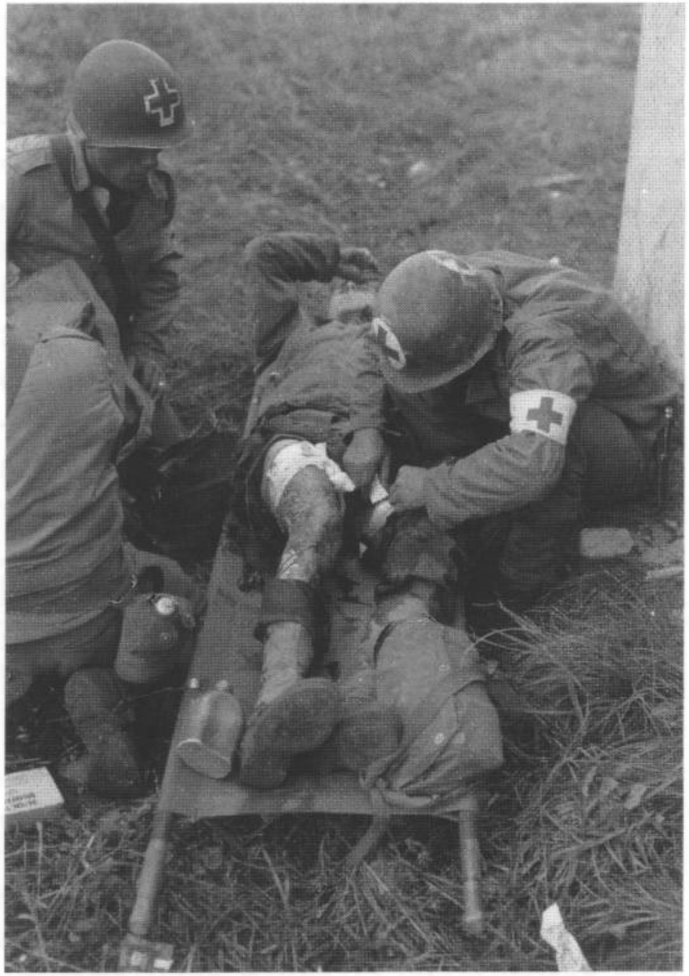
Diagram 3—ETO Evacuation System, Late 1944


XXXX
Evac
XXXX
Evac
XXXX
Evac
oooo
Gen
HU-Rail
HU-Air
oooo
Gen
oooo
Gen
oooo
HU-Rail
HU-Air
oooo
HU-Rail
HU-Air
oooo
HU-Rail
HU-Air
oooo
HU-Air
oooo
Gen
Paris
CONTINENT
oooo
HU-Air
U.K.
a
oooo
b
Gen
b
oooo
HU-Air
U.S.

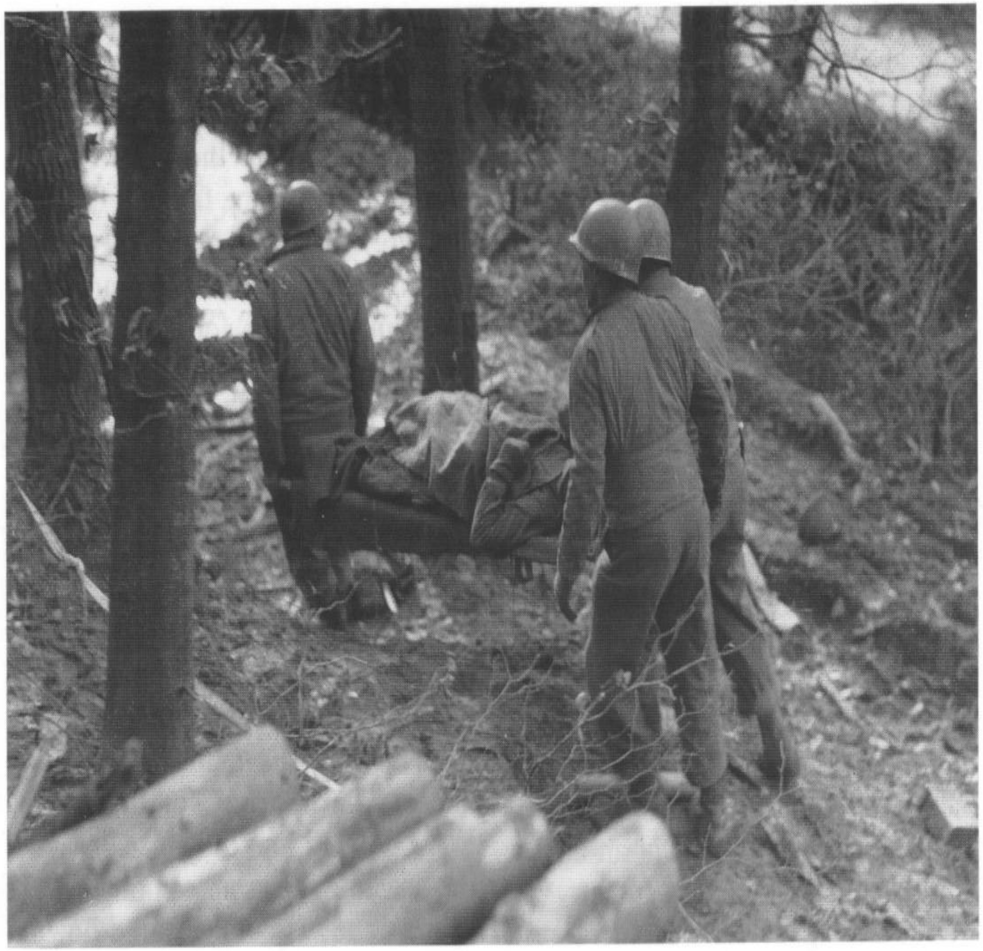
[a] By ambulance or hospital train

[b] By ambulance, hospital train, or airplane

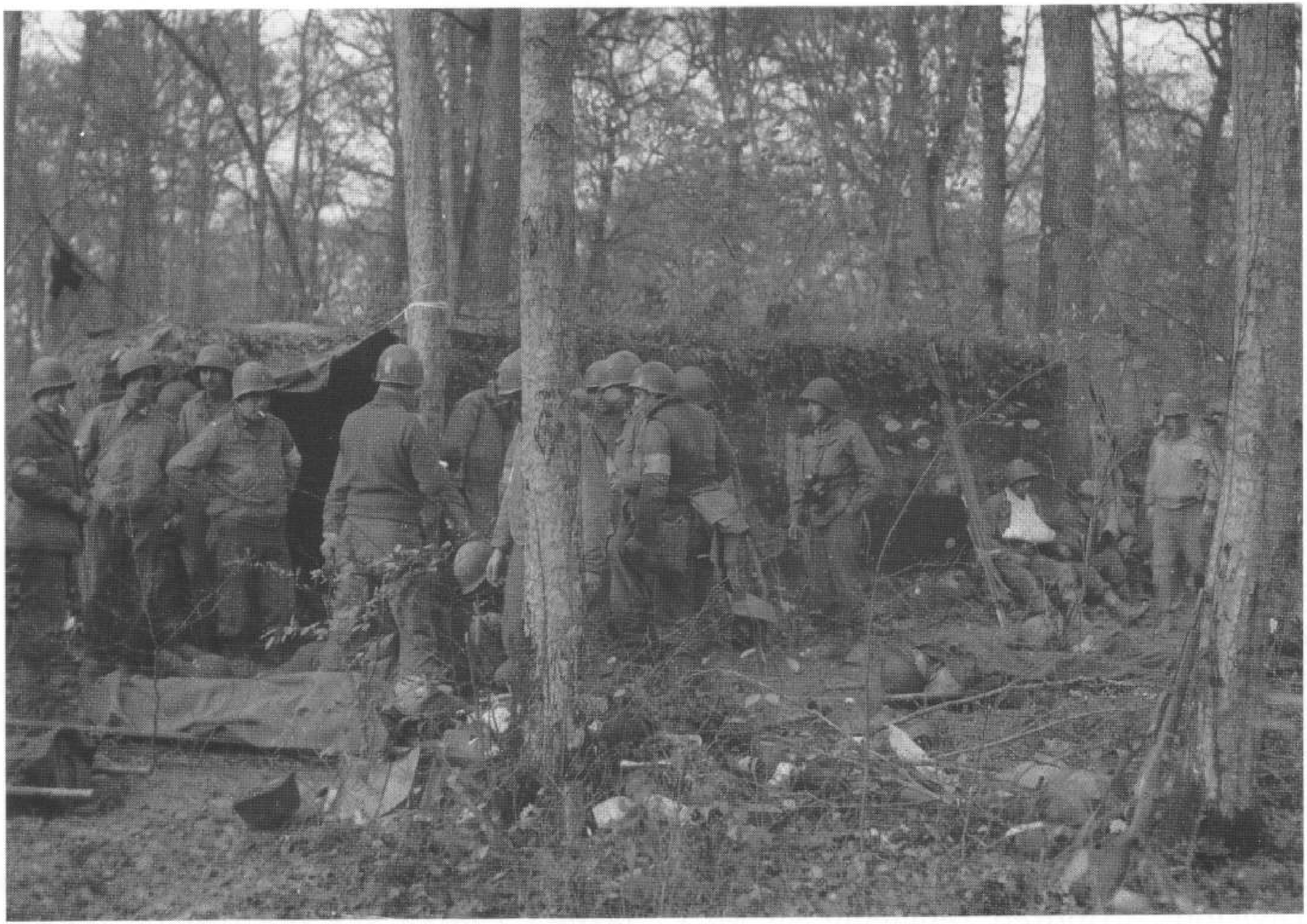
Source: Evacuation Branch, Operations Branch, OofCSurg, HQ, ETOUSA, Annual Rpt, 1944, encl. 3.



Medics on the Line

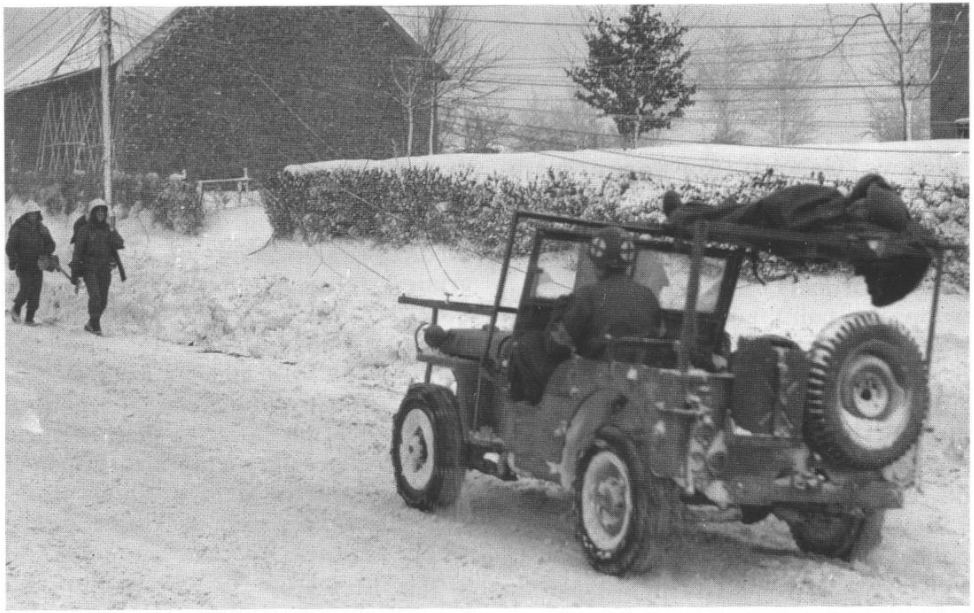


Litterbearers Meeting the Challenge of the Huertgen Fighting

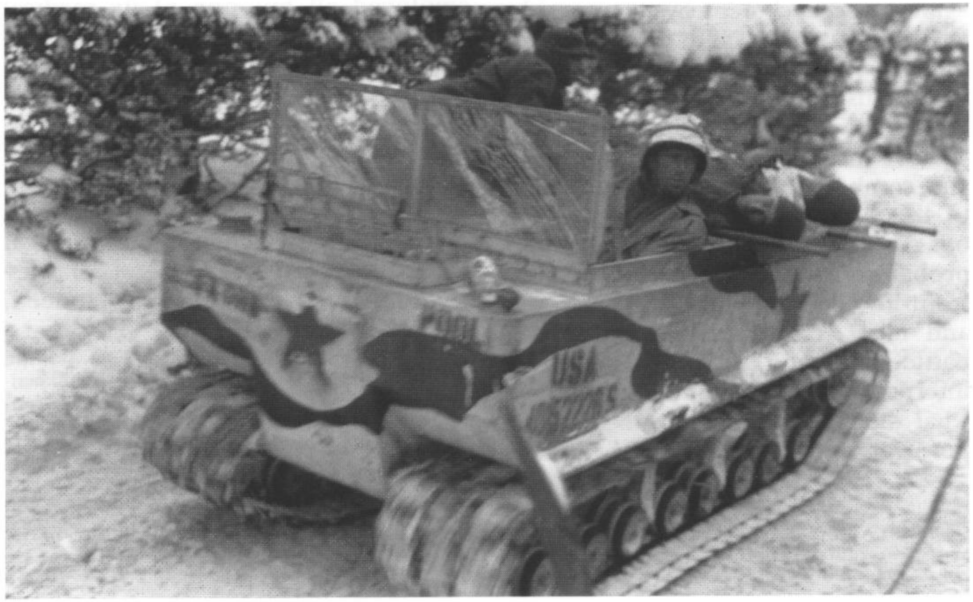


Battalion Aid Station Personnel Readying Casualties *for the next stage of their rearward evacuation*

JEEP AMBULANCE EVACUATION



Workhorses of Battlefield Evacuation. *Much of the work for transporting casualties fell to the jeep, fitted with brackets for carrying litters. When these sturdy vehicles bogged down in mud and heavy snow, medics switched to the tracked M–29 Weasel.*



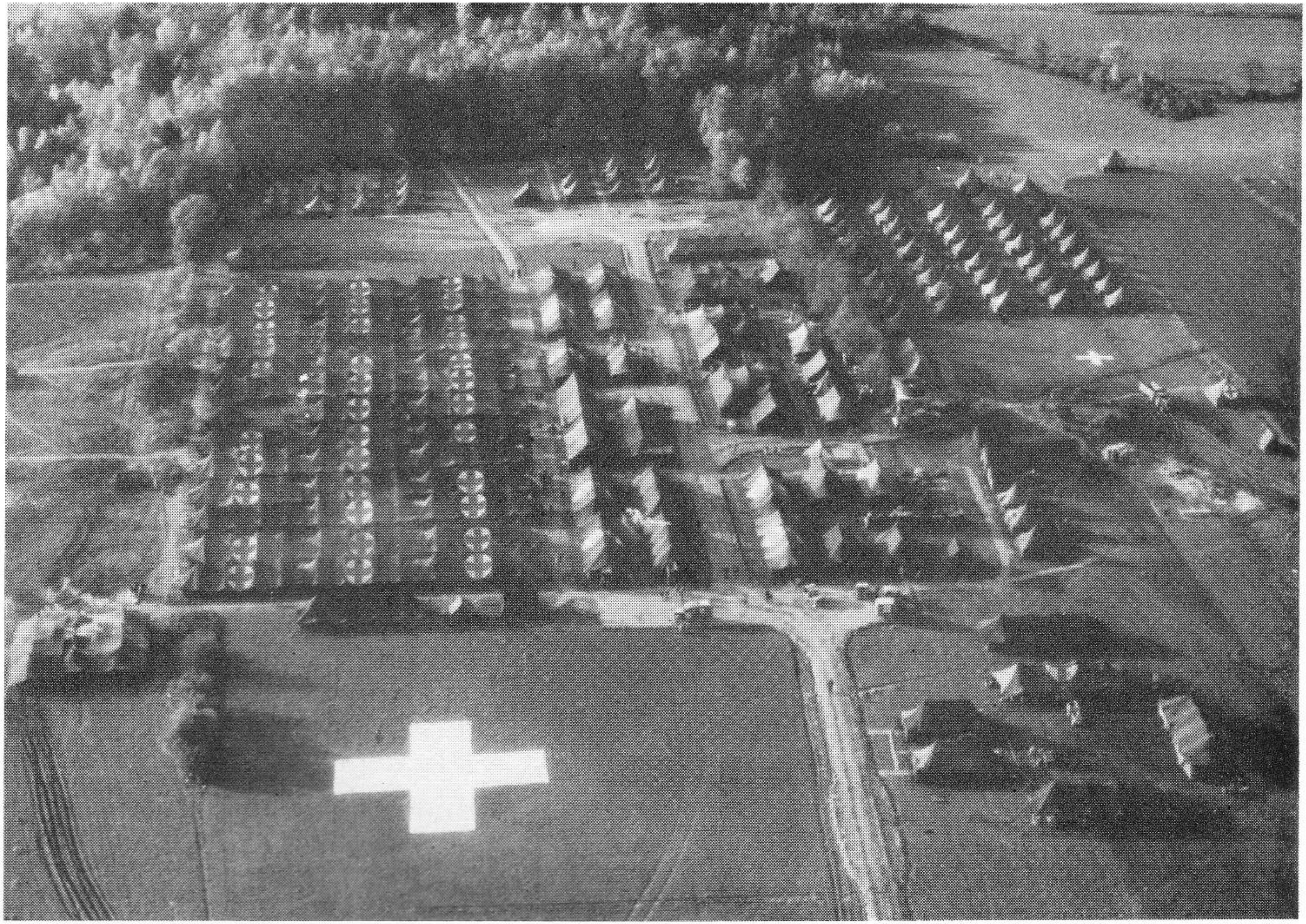
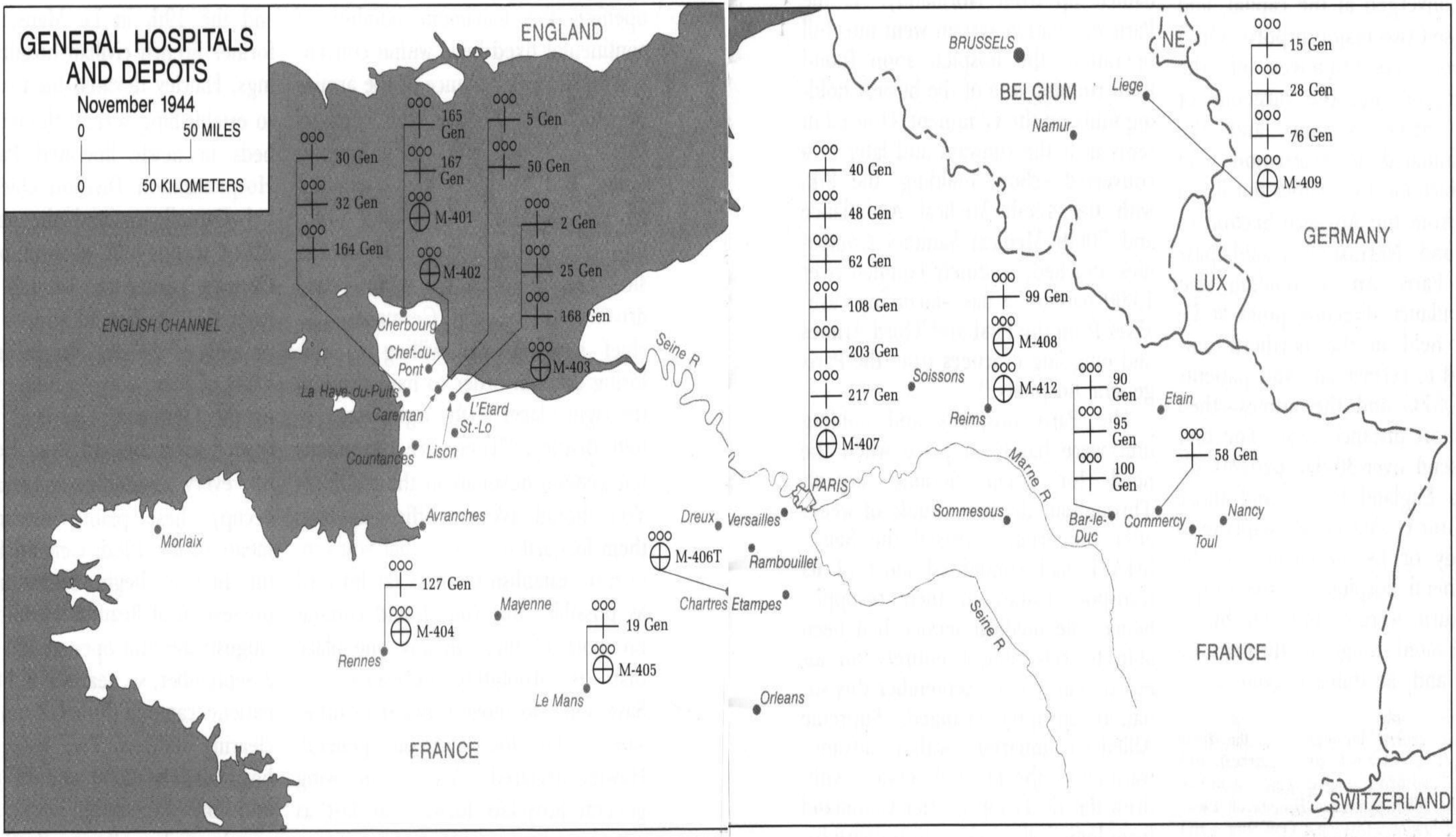
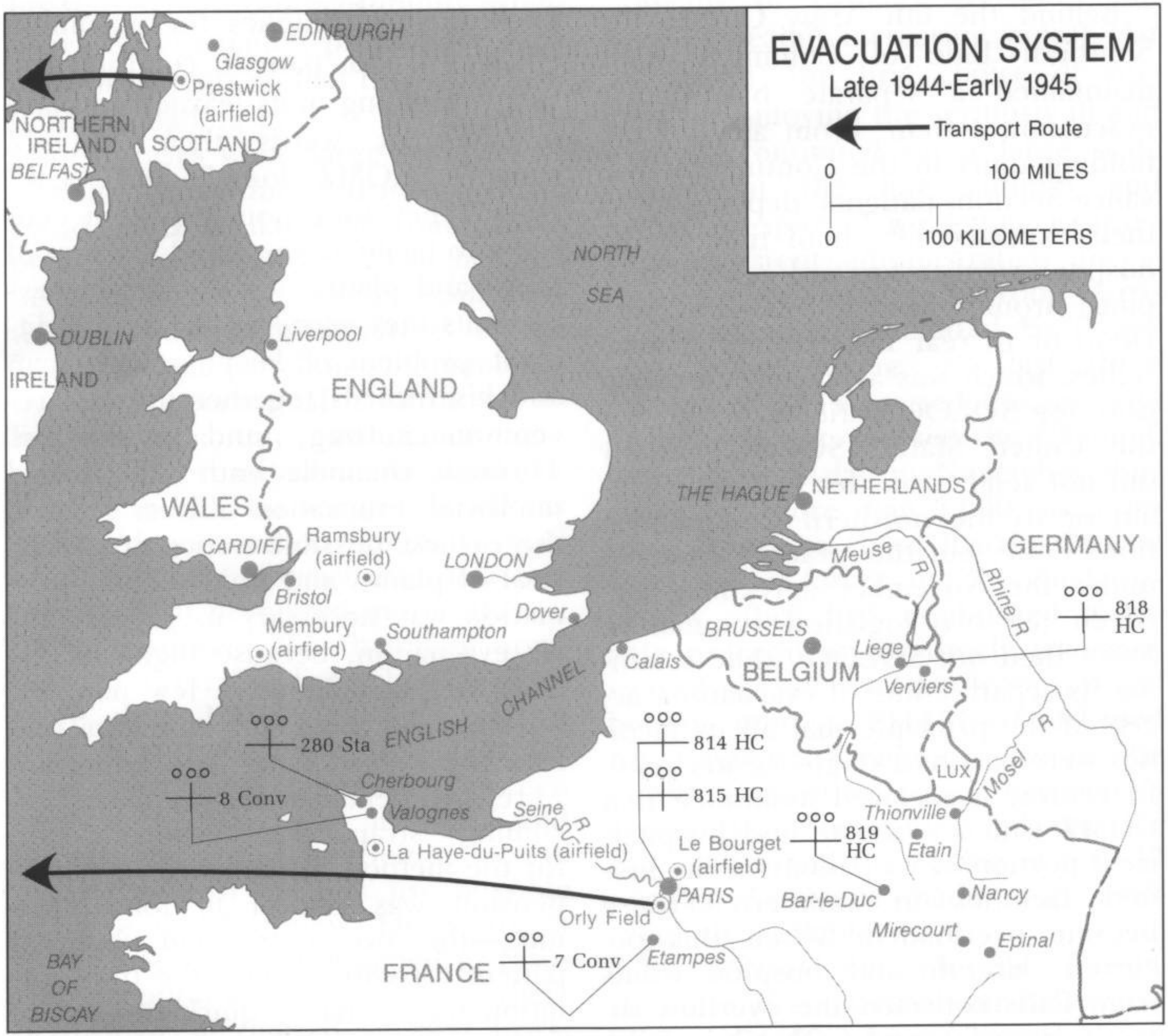


FIGURE 93.—The 27th Evacuation Hospital fully set up in France.


GENERAL HOSPITALS AND DEPOTS
November 1944
0 50 MILES
0 50 KILOMETERS
ENGLAND
ENGLISH CHANNEL
30 Gen
32 Gen
164 Gen
165 Gen
167 Gen
M-401
M-402
5 Gen
50 Gen
2 Gen
25 Gen
168 Gen
M-403
Cherbourg
Chef-du-Pont
La Haye-du-Puits
Carentan
L'Etard
St.-Lo
Lison
Countances
Avranches
Morlaix
127 Gen
M-404
Rennes
Mayenne
19 Gen
M-405
Le Mans
M-406T
Dreux
Versailles
Rambouillet
Chartres
Etampes
Orleans
Seine R
FRANCE
BRUSSELS
BELGIUM
Namur
Liege
NE
15 Gen
28 Gen
76 Gen
M-409
GERMANY
LUX
40 Gen
48 Gen
62 Gen
108 Gen
203 Gen
217 Gen
M-407
PARIS
99 Gen
M-408
M-412
Soissons
Reims
90 Gen
95 Gen
100 Gen
Etain
58 Gen
Marne R
Sommesous
Bar-le-Duc
Commercy
Toul
Nancy
Seine R
FRANCE
SWITZERLAND

MAP 14


EVACUATION SYSTEM
Late 1944-Early 1945
Transport Route
0
100 MILES
0
100 KILOMETERS
EDINBURGH
Glasgow
Prestwick
(airfield)
NORTHERN IRELAND
SCOTLAND
BELFAST
NORTH SEA
DUBLIN
Liverpool
IRELAND
ENGLAND
WALES
CARDIFF
Ramsbury (airfield)
LONDON
Bristol
Dover
Membury (airfield)
Southampton
ENGLISH CHANNEL
THE HAGUE
NETHERLANDS
GERMANY
Meuse R
Rhine R
BRUSSELS
Calais
BELGIUM
Liege
Verviers
818 HC
814 HC
815 HC
280 Sta
8 Conv
Cherbourg
Valognes
Seine R
LUX
Mosel R
Thionville
819 HC
Etain
Le Bourget (airfield)
La Haye-du-Puits (airfield)
PARIS
Bar-le-Duc
Nancy
Orly Field
Mirecourt
Epinal
7 Conv
Etampes
FRANCE
BAY OF BISCAY

MAP 21

Research Materials

AMEDD History Website:

http://history.amedd.army.mil/booksdocs/wwii/Schmidt/Schmidt.htm

http://history.amedd.army.mil/booksdocs/wwii/HuertgenForest/HF.htm

First US Army Medical Section Aug 44-Feb 45

http://history.amedd.army.mil/booksdocs/FUSAAug44Feb45/FUSARptAug44Feb45.html

134th Medical Group, VII Corps, 1944 Report

http://history.amedd.army.mil/booksdocs/134thMedGp/134thMedGp1944.html

See You in the

HÜRTGEN FOREST

24 - 27 April